

Publications including accepted papers & book chapters in press (2000-2023)

Agaimy A, Perret R, MD, Demicco EG, Gross J, Liu YA , Azmani R, Engelmann C, Schubart C, Seppet J, Stoehr R, Le Loarer F, Dickson BC. *GAB1::ABL1* Fusions Define A Distinctive Soft Tissue Neoplasm, With Variable Perineurial Differentiation, And A Predilection for Children And Young Adults. **Genes Chromosomes Cancer 2023 in press**

Agaimy A, Mantsopoulos K, Iro H, Stoehr R. *KRAS* Codon 12 Mutations Characterize a Subset of de Novo Proliferating "Metaplastic" Warthin Tumors. **Virchows Arch 2023 in press**

Agaimy A. Virchows Archiv (The European Journal of Pathology): Past and future. **Virchows Arch 2023** (Epub Jan 24).

Agaimy A, Kasajima A, Stoehr R, Haller F, Schubart C, Pfarr N, von Werder A, Pavel ME, Sessa F, Uccella S, La Rosa S, Klöppel G. Gene Fusions Are Frequent in ACTH-secreting Neuroendocrine Neoplasms of The Pancreas, But Not in Their Non-pancreatic Counterparts. **Virchows Arch 2023** (Epub Jan 24).

Demleitner M, Erlenbach-Wünsch K, Coras R, Erber R, Polifka I, Eyüpoğlu I, Fuchs F, Hartmann A, **Agaimy A**. Lung Cancer Presenting with Central Nervous System Metastasis: Clinicopathological and Molecular Analysis of 175 Cases. **Ann Diagn Pathol 2022**;63:152082 (Epub Dec 23).

Dei Tos AP, Webster F, **Agaimy A**, Bovée J, Dickson B, Doyle L, Dry S, Gronchi A, Hameed M, Hemmings C, Liegl-Atzwanger B, Thway K, Wagner AJ, Wang J, Yoshida A, Fletcher C. Datasets for reporting of the Soft Tissue Sarcoma: recommendations from the International Collaboration on Cancer Reporting (ICCR). **Histopathology 2023** (Epub Jan 11).

Abele M, Grabner L, Blessing T, Block A, **Agaimy A**, Kratz C, Simon T, Calaminus G, Heine S, Corbacioglu S, Christiansen H, Schneider DT, Brecht IB. Epidemiology and Characteristics of Gastric Carcinoma in Childhood-An Analysis of Data from Population-Based and Clinical Cancer Registries. **Cancers (Basel) 2023**;15(1)317.

Agaimy A. SWI/SNF-deficient Sinonasal Carcinomas. [invited review]. **Adv Anat Pathol 2022** (Epub Oct 20).

Agaimy A, Baněčková M, De Almeida J, Dickson BC, Dimmler A, Hartmann W, Laé M, Pablik J, Schubart C, Skálová A, Robert Stoehr, Trautmann M, Wardelmann E, Wassef M, Weinreb I. Recurrent *EWSR1::COLCA2* Fusions define A Novel Sarcoma with Spindle /Round Cell Morphology And Strong Predilection for the Sinonasal Tract. **Am J Surg Pathol 2022** (Epub Nov 14).

Agaimy A, Amin MB. Guiding Individualized Patient' Care: Emerging Roles of Pathology in The Era of Immune-oncological Therapy. **Adv Anat Pathol 2022** (Epub Dec 21).

Merkel S, Schellerer V, Brunner M, Geppert C, Grützmann R, Weber K, **Agaimy A**. Proposal of a pT3 subclassification for colon carcinoma. **Cancers (Basel) 2022**;14(24):6186.

Agaimy A, Brcic L, MD, Briski LM, Hung YP, Michal M, Michal M, Nielsen GP, Stoehr R, Rosenberg AE. NR4A3 Fusions Characterize a Distinctive Peritoneal Mesothelial Neoplasm of Uncertain Biological Potential with Pure Adenomatoid/ Microcystic Morphology. **Genes Chromosomes Cancer 2022** (Epub Dec 16).

Rooper LM, **Agaimy A**, Bal, M, Eugene H, Gagan J, Nonogaki H, Shah A, Stelow E, Stoehr R, Thompson LDR, Weinreb I, Bishop JA. Recurrent IDH2 mutations in salivary gland striated duct adenoma define an expanded histologic spectrum distinct from canalicular adenoma. **Am J Surg Pathol 2022** (Epub Dec 13).

Agaimy A, Förster S, Kalla J, Stacher-Priehse E, Titze U, Vieth M. Paravertebral Fibrous Pseudotumor: Four Cases of A Distinctive Tumefactive Lesion Overlapping with Eosinophilic Angiocentric Fibrosis And Tumoral Erythema Elevatum Diutinum **Ann Diagn Pathol 2023**;62:152073.

Schrenk KG, Weschenfelder W, Spiegel C, **Agaimy A**, Stöhr R, Hartmann A, Gaßler N, Drescher R, Freesmeyer M, Malouhi A, Bürckenmeyer F, Aschenbach R, Teichgräber U, Kögler C, Vogt M, Hofmann GO, Hochhaus A. Exceptional response to neoadjuvant targeted therapy with the selective RET inhibitor selpercatinib in *RET*-fusion-associated sarcoma. **J Cancer Res Clin Oncol 2022** (Epub Dec 5).

Michal M, Ud Din N, Švajdler M, Klubíčková N, Ptáková N, Hájková V, Michal M, **Agaimy A**. *TFG::MET*-rearranged soft tissue tumor: A rare infantile neoplasm with a distinct low-grade triphasic morphology. **Genes Chromosomes Cancer 2022** (Epub Dec 4).

Dermawan JK, Dashti N, Ellenson LH, Dickson B, Kirchner M, Stenzinger A, Mechttersheimer G, **Agaimy A**, Antonescu CR. Expanding the Molecular Spectrum

of Gene Fusions in Endometrial Stromal Sarcoma: Novel Subunits of the Chromatin Remodeling Complexes PRC2 and NuA4/TIP60 as Alternative Fusion Partners. **Genes Chromosomes Cancer** 2023;62(3):152-160 (Epub Nov 29).

Jurmeister P, Glöß S, Roller R, Leitheiser M, Schmid S, Mochmann LH, Payá Capilla E, Fritz R, Dittmayer C, Friedrich C, Thieme A, Keyl P, Jarosch A, Schallenberg S, Bläker H, Hoffmann I, Vollbrecht C, Lehmann A, Hummel M, Heim D, Haji M, Harter P, Englert B, Frank S, Hench J, Paulus W, Hasselblatt M, Hartmann W, Dohmen H, Keber U, Jank P, Denkert C, Stadelmann C, Bremmer F, Richter A, Wefers A, Ribbat-Idel J, Perner S, Idel C, Chiariotti L, Della Monica R, Marinelli A, Schüller U, Bockmayr M, Liu J, Lund VJ, Forster M, Lechner M, Lorenzo-Guerra SL, Hermsen M, Johann PD, **Agaimy A**, Seegerer P, Koch A, Heppner F, Pfister SM, David TW, Jones DTW, Sill M, von Deimling A, Snuderl M, Müller KR, Forgó E, Howitt BE, Mertins P, Klauschen F, Capper D. DNA methylation-based classification of sinonasal tumors. **Nat Commun** 2022;13(1):7148.

Mäkitie AA, **Agaimy A**, Almangush A. Insight into Classification and Risk Stratification of Head and Neck Squamous Cell Carcinoma in Era of Emerging Biomarkers with Focus on Histopathologic Parameters. **Cancers (Basel)**. 2022;14(22):5514.

Kloker LD, Calukovic B, Benzler K, Golf A, Böhm S, Günther S, Horger M, Haas S, Berchtold S, Beil J, Carter ME, Ganzenmueller T, Singer S, **Agaimy A**, Stöhr R, Hartmann A, Duell T, Mairhofer S, Fohrer F, Reinmuth N, Zender L, Lauer UM. Case report: Immunovirotherapy as a novel add-on treatment in a patient with thoracic NUT carcinoma. **Front Oncol** 2022;12:995744.

Ihrler S, Stiefel D, Jurmeister P, Sandison A, Chaston N, Laco J, Zidar N, Brcic L, Stoehr R, **Agaimy A**. Salivary carcinosarcoma: Insight into multistep pathogenesis indicates uniform origin from pleomorphic adenoma as sarcomatoid variant of carcinoma ex pleomorphic adenoma with frequent heterologous elements. **Histopathology** 2022 (Epub Nov 14).

Dermawan JK, DiNapoli SE, Sukhadia P, Mullaney KA, Gladdy R, Healey JH, **Agaimy A**, Cleven AH, Suurmeijer AJH, Dickson BC, Antonescu CR. Malignant Undifferentiated Epithelioid Neoplasms with *MAML2* rearrangements: a Clinicopathologic Study of Six Cases demonstrating a Heterogenous Entity. **Genes Chromosomes Cancer** 2022 (Epub Nov 7).

Alaghehbandan R, **Agaimy A**, Ali L, Alvarado-Cabrero I, Amin MB, Boudova L, Caliò A, Comperat EM, Damjanov I, Daum O, Farcas M, Gatalica Z, Gill AJ, Hartmann A, Hayes MM, Hora M, Kojima F, Kristiansen G, Kuroda N, López JI, Maclean F, Magi-Galluzzi C, Martignoni G, McKenney JK, Michalová K, Michal M, Mohanty SK, Netto GJ, Ohashi R, Ondič O, Osunkoya AO, Gomez MDPM, Petersson

F, Picken MM, Pivovarcikova K, Rogala J, Shah RB, Siadat F, Skenderi F, Sperga M, Suster SM, Svajdler M, Tretiakova M, Trpkov K, Ulamec M, Williamson SR, Yang XJ, Zhou M, Vranic S, Vujanic G, Michal M. A tribute to Prof. Ondrej Hes, MD, PhD (1968-2022). **Mod Pathol** **2022**;35(12):2023-2024 (Epub Nov 4).

Haj Khalaf MA, Sirbu H, Hartmann A, Agaimy A, Dudek W, Higaze M, Rieker R. Spread through air spaces (STAS) in solitary pulmonary metastases from colorectal cancer (CRC). **Thorac Cardiovasc Surg** **2022** (Epub Oct 18).

Rooper LM, Agaimy A, Gagan J, Simpson RHW, Thompson LDR, Trzcinska AM, Ud Din N, Bishop JA. Comprehensive molecular profiling of sinonasal teratocarcinoma highlights recurrent SMARCA4 inactivation and CTNNB1 mutations. **Am J Surg Pathol** **2023**;47(2):224-233 (Epub Oct 10).

Agaimy A. Response to: Langerhans Cell Histiocytosis Associated With Renal Cell Carcinoma: Is it an Indolent Phenomenon or a More Ominous Pathologic Process? **Am J Surg Pathol** **2022**;46:1595.

Zschäbitz S, Mikuteit M, Stöhr C, Herrmann E, Polifka I, Agaimy A, Trojan L, Ströbel P, Becker F, Wülfing C, Barth P, Stöckle M, Staehler M, Stief C, Haferkamp A, Hohenfellner M, Duensing S, Macher-Göppinger S, Wullich B, Noldus J, Brenner W, Roos FC, Walter B, Otto W, Burger M, Schrader AJ, Hartmann A, Erlmeier F, Steffens S. Expression of nectin-4 in papillary renal cell carcinoma. **Discov Oncol** **2022**;13:90.

Büttner FA, Winter S, Stühler V, Rausch S, Hennenlotter J, Füssel S, Zastrow S, Meinhardt M, Toma M, Jerónimo C, Henrique R, Miranda-Gonçalves V, Kröger N, Ribback S, Hartmann A, Agaimy A, Stöhr C, Polifka I, Fend F, Scharpf M, Comperat E, Wasinger G, Moch H, Stenzl A, Gerlinger M, Bedke J, Schwab M, Schaeffeler E. A novel molecular signature identifies mixed subtypes in renal cell carcinoma with poor prognosis and independent response to immunotherapy. **Genome Med.** **2022**;14(1):105.

Thangaiyah JJ, Dashti NK, Agaimy A, Fritchie K, Folpe AL. Plexiform Fibrohistiocytic Tumor: A Clinicopathological and Immunohistochemical Study of 39 Tumors, with Evidence for a CSF1-producing “Null Cell” Population. **Virchows Arch** **2022**;481:739-750 (Epub Sep 7).

Agaimy A. SWI/SNF-deficient malignancies: optimal candidates for immune-oncological therapy? [invited review]. **Adv Anat Pathol** **2022** (Epub Sep 5).

Elbayomi M, Nooh E, Weyand M, [Agaimy A](#), Harig F. Dysphonia as a Presenting Symptom of a Giant Left Atrial Sarcoma Developing within Five Years. **Thorac Cardiovasc Surg Rep** 2022;11:e50-e53.

Chłopek M, Lasota J, Thompson LDR, Szczepaniak M, Kuźniacka A, Hińcza K, Kubicka K, Kaczorowski M, Newford M, Liu Y, [Agaimy A](#), Biernat W, Durzyńska M, Dziuba I, Hartmann A, Inaguma S, Iżycka-Świeszewska E, Kato H, Kopczyński J, Michal M, Michal M, Pęksa R, Prochorec-Sobieszek M, Starzyńska A, Takahashi S, Wasąg B, Kowalik A, Miettinen M. Alterations of key signaling pathways in sinonasal melanoma. A molecular genetics and immunohistochemical study of 90 cases and comprehensive review of the literature. **Mod Pathol** 2022;35:1609-1617 (Epub Aug 17).

Mansoor M, Young-Speirs M, Ren B, Gotto G, Merten L, Sawhney S, Siadat F, Acosta AM, [Agaimy A](#), Trpkov K. Extra-renal renal cell carcinoma arising in the kidney proximity but without an identifiable renal primary – an intriguing dilemma: Report of three cases and review of the literature. **Histopathology** 2022;81:635-643 (Epub Aug 8).

Klubíčková N, Michal M, [Agaimy A](#), Zidar N, Pavlovský M, Yorita K, Grossmann P, Hájková V, Ptáková N, Šteiner P, Michal M. TIMP3::ALK fusions characterize a distinctive myxoid fibroblastic tumor of the vocal cords: A report of 7 cases **Virchows Arch** 2022;481:721-729 (Epub Aug 4).

Strecker T, Wiesmueller F, Rudnik-Schöneborn S, Hoyer J, Reis A, Weyand M, [Agaimy A](#). Familial Acute Aortic Dissection Associated with A Novel ACTA2 Germline Variant. **Virchows Arch** 2022 (Epub Jul 28).

Klubíčková N, [Agaimy A](#), Hájková V, Ptáková N, Grossmann P, Šteiner P, Michal M, Michael M. RNA-sequencing of myxoinflammatory fibroblastic sarcomas reveals a novel *SND1::BRAF* fusion and 3 different molecular aberrations with the potential to upregulate the *TEAD1* gene including *SEC23IP::VGLL3* and *TEAD1::MRTFB* gene fusions. **Virchows Arch** 2022;481:613-620 (Epub Jul 1).

[Agaimy A](#), Dermawan JK, Leong I, Stoehr R, Swanson D, Weinreb I, Zhang L, Antonescu CR, Dickson BC. Recurrent *VGLL3* Fusions Define A Distinctive Subset of Spindle Cell Rhabdomyosarcoma with An Indolent Clinical Course And Striking Predilection For The Head and Neck. **Genes Chromosomes Cancer** 2022;61:701-709 (Epub Jun 29).

[Agaimy A](#), Ud Din N, Dermawan JK, Haller F, Melzer K, Denz A, Baumhoer D, Stoehr R, Grützmann R, Antonescu CR. *RREB1::MRTFB* Fusion Positive Extraglossal Mesenchymal Neoplasms: A Series of Five Cases Expanding Their

Anatomic Distribution And Highlighting Significant Morphological and Phenotypic Diversity. **Genes Chromosomes Cancer** **2023**;62:5-16 (Epub Jun 28).

Thimsen V, Fauck V, Wiesmüller M, **Agaimy A**, Schapher M, Iro H, Koch K, Mantsopoulos K. Calcification in salivary gland cancer mimicking sialolithiasis – A Diagnostic Pitfall on imaging: Report of two cases and brief review of the literature. **J Clin Med** **2022**;11(12):3329.

Patel S, Snyderman CH, Müller SK, **Agaimy A**, Seethala RR. Sinonasal mixed transitional epithelial-seromucinous papillary glandular neoplasms with *BRAF* p.V600E mutations – sinonasal analogues to the sialadenoma papilliferum family tumors. **Virchows Arch** **2022**;481:565-574 (Epub Jun 18).

Taverna C, **Agaimy A**, Franchi A. MDM2 is a Useful Diagnostic Marker for Nasopharyngeal Carcinoma. **Pathol Res Pract** **2022**;236:153978 (Epub Jun 11).

Mondorf Y, Mikuteit M, Ivanyi P, Stöhr C, Herrmann E, Polifka I, **Agaimy A**, Trojan L, Ströbel P, Becker F, Wülfing C, Barth P, Stöckle M, Staehler M, Stief CG, Haferkamp A, Hohenfellner M, Macher-Göppinger S, Wullich B, Noldus J, Brenner W, Roos FC, Walter B, Otto W, Burger M, Schrader AJ, Hartmann A, Steffens S, Erlmeier F. The Prognostic Impact of PD-L2 in Papillary Renal-Cell Carcinoma. **Urol Int** **2022**;106:1168-1176 (Epub Jun 2).

Agaimy A, Clarke BA, Kolin DL, Lee CH, Lee JC, McCluggage WG, Pöschke P, Stoehr R, Swanson D, Turashvili G, Beckmann MW, Hartmann A, Antonescu CR, Dickson BC. Recurrent *KAT6B/A::KANSL1* Fusions Characterize a Potentially Aggressive Uterine Sarcoma Morphologically Overlapping with Low-grade Endometrial Stromal Sarcoma. **Am J Surg Pathol** **2022**;46:1298-1308 (Epub May 17).

Thierauf JC, Farahani AA, Indave BI, Bard AZ, White VA, Smith CR, Marble H, Hyrcza MD, Chan JKC, Bishop J, Shi Q, Ely K, **Agaimy A**, Martinez-Lage M, Nose V, Rivera M, Nardi V, Dias-Santagata D, Garg S, Sadow P, Le LP, Faquin W, Ritterhouse LL, Cree IA, Iafrate AJ, Lennerz JK. Diagnostic Value of MAML2 Rearrangements in Mucoepidermoid Carcinoma. **Int J Mol Sci** **2022**;23:4322 (Epub Apr 13).

Agaimy A, Sheahan K. SWI/SNF deficiency: potential new biomarker in a subset of mismatch repair-deficient colorectal carcinomas. **Histopathology** **2022**;80:905.

Zschäbitz S, Erlmeier F, Stöhr C, Herrmann E, Polifka I, **Agaimy A**, Trojan L, Ströbel P, Becker F, Wülfing C, Barth P, Stöckle M, Staehler M, Stief C, Haferkamp

A, Hohenfellner M, Macher-Göppinger S, Wullich B, Noldus J, Brenner W, Roos FC, Walter B, Otto W, Burger M, Schrader AJ, Mondorf Y, Hartmann A, Ivanyi P, Steffens S. Expression of Prostate-specific Membrane Antigen (PSMA) in Papillary Renal Cell Carcinoma - Overview and Report on a Large Multicenter Cohort. **J Cancer** 2022;13:1706-1712.

Taverna C, **Agaimy A**, Franchi A. Towards a Molecular Classification of Sinonasal Carcinomas: Clinical Implications and Opportunities. **Cancers (Basel)** 2022;14(6):1463.

Agaimy A. Proceedings of the North American Society of Head and Neck Pathology, Los Angeles, CA, March 20, 2022. SWI/SNF-deficient Sinonasal Neoplasms: An Overview [invited review]. **Head Neck Pathol** 2022;16:168-178 (Epub Mar 21).

Coca-Pelaz A, Bishop JA, Zidar N, **Agaimy A**, Gebrim EMM, Mondin V, Cohen O, Strojan P, Rinaldo A, Shaha AR, de Bree R, Hamoir M, Mäkitie AA, Kowalski LP, Saba NF, Ferlito A. Cervical lymph node metastases from central nervous system tumors: a systematic review. **Cancer Manag Res** 2022;14:1099-1111.

Mantsopoulos K, Bessas Z, Sievert M, Müller SK, Koch M, **Agaimy A**, Iro H. Frozen section examination of parotid gland tumours: the head and neck pathologist as a key member of the surgical team. **J Clin Med** 2022;11(5):1249.

Maccagno A, Grosser B, Füzesi L, Konukiewitz B, Vlasenko D, Weckermann D, Raab S, Zenk J, **Agaimy A**, Märkl B. IgG4-related pseudotumors: a series of 12 cases and a systematic review of the literature. **Pathology** 2022;54:563-572 (Epub Feb 24).

Glückstein MI, Dintner S, Miller S, Vlasenko D, Schenkirsch G, **Agaimy A**, Märkl B, Grosser B. ALK, NUT and TRK do not play relevant roles in gastric cancer – results of an immunohistochemical study in a large series. **Diagnostics (Basel)** 2022;12(2):429.

Baněčková M, Michal M, Hájková V, Haller F, Mosaieby E, Salajka P, Arolt C, Nachtsheim L, Michal M, **Agaimy A**, Skálová A. Misleading Morphological and Phenotypic Features (Transdifferentiation) in Solitary Fibrous Tumor of the Head and Neck: Report of Three Cases and Review of the Literature. **Am J Surg Pathol** 2022;46:1084-1094.

Mikuteit M, Zschäbitz S, Stöhr C, Herrmann E, Polifka I, **Agaimy A**, Trojan L, Ströbel P, Becker F, Wülfing C, Barth P, Stöckle M, Staehler M, Stief C, Haferkamp

A, Hohenfellner M, Macher-Göppinger S, Wullich B, Noldus J, Brenner W, Roos FC, Walter B, Otto W, Burger M, Schrader AJ, Hartmann A, Steffens S, Erlmeier F. The prognostic impact of Claudin 6 in papillary renal cell carcinoma. **Pathol Res Pract**. 2022 Feb 11;231:153802.

Agaimy A. Fusion-positive Skin/Adnexal Carcinomas [invited review]. **Genes Chromosomes Cancer** 2022;61:274-284 (Epub Feb 15).

Mueller SK, Haderlein M, Lettmaier S, **Agaimy A**, Haller F, Hecht M, Fietkau R, Iro H, Mantsopoulos K. Targeted Therapy, Chemotherapy, Immunotherapy and Novel Treatment Options for Different Subtypes of Salivary Gland Cancer. **J Clin Med** 2022;11(3):720.

Hellquist H, **Agaimy A**, Stenman G, Franchi A, Nadal A, Skalova A, Leivo I, Zidar N, Simpson RHW, Slootweg PJ, Hernandez-Prera JC, Ferlito A. Development of Head and Neck Pathology in Europe. **Virchows Arch** 2022;480:951-965 (Epub Jan 14).

Hornung B, Constantinidis J, Thimsen V, **Agaimy A**, Koch M, Gostian AO, Sievert M, Müller SK, Iro H, Mantsopoulos K. Pleomorphic Adenoma of the Parotid Gland and the Parapharyngeal Space: Two Diametrically Opposing Surgical Philosophies for the Same Histopathologic Entity? **J Clin Med** 2021;11(1):142.

Erlmeier F, Bruecher B, Stöhr C, Herrmann E, Polifka I, **Agaimy A**, Trojan L, Ströbel P, Becker F, Wülfing C, Barth P, Stöckle M, Staehler M, Stief C, Haferkamp A, Hohenfellner M, Macher-Göppinger S, Wullich B, Noldus J, Brenner W, Roos FC, Walter B, Otto W, Burger M, Schrader AJ, Hartmann A, Mondorf Y, Ivanyi P, Mikuteit M, Steffens S; German Network Of Kidney Cancer. cMET – a prognostic marker in papillary renal cell carcinoma? **Hum Pathol** 2022;121:1-10 (Epub Jan 5).

Müller PP, **Agaimy A**, Weyand M, Heim C. Mitral multifocal papillary fibroelastoma in a patient with aggressive fibromatosis. **Thorac Cardiovasc Surg Rep** 2021;10(1):e61-e63.

Fuchs TL, Maclean F, Turchini J, Vargas AC, Bharttarai S, **Agaimy A**, Kao S, Ellis C, Bonert M, Leroy X, Kunju P, Schwartz L, Matsika A, McKenney JK, Williamson S, Rao P, Divatia M, Guarch R, Algaba F, Balancin M, Zhou M, Samaratunga H, Werneck da Cunha I, Brimo F, Ryan A, Clouston D, Aron M, O'Donnell M, Chan E, Hirsch M, Moch M, Yin Pang C, Wah C, Hua Yin W, Perry-Keene J, Chou A, van der Westhuizen G, Morrison E, Zwi J, Hes O, Trpkov K, Gill AJ. Expanding the Clinicopathological Spectrum of Succinate Dehydrogenase-Deficient Renal Carcinoma with a Focus on Variant Morphologies: A Study of 62 New Tumors in 59 Patients. **Mod Pathol** 2022;35:836-849 (Epub Dec 23).

Agaimy A. [Mesenchymal Tumors and tumor-like lesions of the gastrointestinal tract: An overview]. **Pathologe** 2022;43:31-44 [article in German, invited review] (Epub Dec 17).

Mayer M, Thoelken R, Jering M, Märkl B, **Agaimy A.** Zenk J. Pleomorphic adenoma of the parotid gland presenting as extensively ossified lesion with bone infiltration: a case report. **Braz J Otorhinolaryngol** 2022;88 Suppl 4(Suppl 4):S215-S218 (Epub Nov 4).

Wang G, Amin MB, Grossmann P, Ptáková N, Hayes M, Hartmann A, **Agaimy A.** Lopez JI, Michal M, Hes O. Renal cell tumor with sex-cord/gonadoblastoma-like features: analysis of 6 cases. **Virchows Arch** 2022;480:349-358 (Epub Nov 13).

Willner A, Fechner K, **Agaimy A.** Haller F, Eckstein M, Ott OJ, Putz F, Gaipl US, Kersting S, Meidenbauer N, Grützmann R, Fietkau R, Semrau S. Neoadjuvant concurrent chemoradiotherapy with and without hyperthermia in retroperitoneal sarcomas: feasibility, efficacy, toxicity, and long-term outcome. **Strahlenther Onkol** 2021;197:1063-1071 (Epub Nov 4).

Rauch M, **Agaimy A.** Semrau S, Willner A, Ott O, Fietkau R, Hohenberger W, Croner RS, Grützmann R, Fechner K, Vassos N. Long-term follow-up of patients receiving neoadjuvant treatment modalities for soft tissue sarcomas of the extremities. **Cancers (Basel)**. 2021;13(20):5244.

Agaimy A. Hartmann A. [SMARCB1(INI1)-deficient renal cell carcinoma: medullary and beyond: evolving concepts]. **Pathologe** 2021;42:571-577 [article in German, invited review]. (Epub Oct 5).

Wohlschläger J, Greimelmaier K, Ramankulov A, Feist H, Loch T, Hager T, Reis H, Schmid KW, Hartmann A, **Agaimy A.** [Nodular tumour of the vas deferens with epithelial structures]. **Pathologe** 2021;42:598-601 (Epub Oct 4). [article in German].

Agaimy A. Pleomorphic (giant cell) carcinoma revisited: A historical perspective and conceptual reappraisal. **Semin Diagn Pathol** 2021;38(6):187-192 (Epub Sep 20).

Agaimy A. Hartmann A, Trpkov K, Hes O. Undifferentiated and Dedifferentiated Urological Carcinomas: Lessons Learned from the Recent Developments **Semin Diagn Pathol** 2021;38(6):152-162 (Epub Sep 20).

Agaimy A. The challenge of undifferentiated malignancies: Phenotype versus genotype! What matters most? **Semin Diagn Pathol** 2021;38(6):117-118 (Epub Sep 20).

Hartmann A, **Agaimy A.** [Eosinophilic, solid and cystic renal cell carcinoma (ESC-RCC)]. **Pathologe** 2021;42(6):565-570 [article in German, invited review].

Farcaş M, Gatalica Z, Trpkov K, Swensen J, Zhou M, Alaghebandan R, Williamson SR, Magi-Galluzzi C, Gill A, Tretiakova M, Lopez JI, Perez Montiel D, Sperga M, Comperat E, Brimo F, Yilmaz A, Siadat F, Sangoi A, Gao Y, Ptáková N, Kuthi L, Pivovarcikova K, Rogala J, **Agaimy A.** Hartmann A, Fraume C, Rychly B, Hurnik M, Durcansky D, Bonnert M, Gakis G, Michal M, Hora M, Hes O. Eosinophilic Vacuolated Tumor (EVT) of Kidney Demonstrates Sporadic *TSC/MTOR* Mutations: Next Generation Sequencing Multi-institutional Study of 19 Cases. **Mod Pathol** 2022;35(3):344-351 (Epub Sep 14).

Skálová A, Baněčková M, Laco J, Di Palma S, **Agaimy A.** Ptáková N, Costes-Martineau V, van den Hout MFCM, de Rezende G, Klubíčková N, Koblížek M, Koshyk O, Vaneček T, Leivo I. Sclerosing polycystic adenoma of salivary glands: A novel neoplasm characterized by *PI3K-AKT* pathway alterations: New insights into a challenging entity. **Am J Surg Pathol** 2022;46(2):268-280 (Epub Sep 13).

Morf H, Roemer F, **Agaimy A.** Schett G, Manger B. IgG4-related fasciitis. **Rheumatology (Oxford)** 2021;61(1):e11-e12 (Epub Aug 30).

Freitag V, Lettmaier S, Semrau S, Hecht M, Mantsopoulos K, Müller SK, Traxdorf M, Iro H, **Agaimy A.** Fietkau R, Haderlein M. High-grade salivary gland cancer: is surgery followed by radiotherapy an adequate treatment to reach tumor control? Results from a tertiary referral centre focussing on incidence and management of distant metastases. **Eur Arch Otorhinolaryngol** 2022;279(5):2553-2563 (Epub Aug 26).

Krumbholz M, Eiblwieser J, Ranft A, Zierk J, Schmidkonz C, Stütz A, Peneder P, Tomazou E, **Agaimy A.** Bäuerle T, Hartmann W, Dirksen U, Metzler M. Quantification of translocation-specific ctDNA provides an integrating parameter for early assessment of treatment response and risk stratification in Ewing sarcoma. **Clin Cancer Res** 2021;27(21):5922-5930 (Epub Aug 23).

Vogel S, Abele M, Seitz C, **Agaimy A.** Vokuhl C, Dirksen U, Bier A, Flaadt T, Classen CF, Claviez A, Schneider DT, Brecht IB. Primary lung carcinoma in children and adolescents – Clinical characteristics and outcome of 12 cases from

the German registry for rare paediatric tumours (STEP). **Lung Cancer** **2021**;160:66-72 (Epub Aug 11).

Agaimy A, Meidenbauer N, Sukov WR, Stoehr R, Vieth M, Roemer F, Grützmann R, Folpe AL. Rapidly fatal SMARCA4-deficient undifferentiated sarcoma originating from hybrid hemosiderotic fibrolipomatous tumor/ pleomorphic hyalinizing angiectatic tumor of the foot. **Virchows Arch** **2022**;480(5):1115-1120 (Epub Aug 14).

Glückstein MI, Dintner S, Arndt TT, Vlasenko D, Schenkirsch G, **Agaimy A**, Müller G, Märkl B, Grosser B. Comprehensive Immunohistochemical Study of the SWI/SNF Complex Expression Status in Gastric Cancer Reveals an Adverse Prognosis of SWI/SNF Deficiency in Genomically Stable Gastric Carcinomas. **Cancers (Basel)** **2021**;13(15):3894.

Kasajima A, Konukiewitz B, Schlitter M, Weichert W, **Agaimy A**, Klöppel G. Mesenchymal/non-epithelial mimickers of neuroendocrine neoplasms with a focus on fusion gene-associated and SWI/SNF-deficient tumors. **Virchows Arch** **2021**;479(6):1209-1219 (Epub Aug 5).

Agaimy A, Ihrler S, Baněčková M, Costés Martineau V, Mantsopoulos K, Hartmann A, Iro H, Stoehr R, Skálová A. *HMGA2-WIF1* Rearrangements Characterize A Distinctive Subset of Salivary Pleomorphic Adenomas with Prominent Trabecular (Canalicular Adenoma-like) Morphology. **Am J Surg Pathol** **2022**;46(2):190-199 (Epub Jul 29).

Müller S, Haderlein M, Traxdorf M, Semrau S, **Agaimy A**, Lettmaier S, Gostian AO, Schubart C, Mantsopoulos K, Schmidt D, Wiesmueller M, Sievert M, Beck M, Eckstein M, Fietkau R, Iro H, Hecht M. [Therapies for synchronous malignomas - the importance of interdisciplinary oncology]. **Laryngorhinotologie** **2022**;101(4):327-330 (Epub Jul 23) [article in German].

Erber R, Preidl R, Stoehr R, Haller F, Hartmann A, Kesting M, **Agaimy A**. DICER1-mutated botryoid fibroepithelial polyp of the parotid duct: Report of the first case. **Head Neck Pathol** **2022**;16(2):573-580 (Epub Jul 19).

Mantsopoulos K, Iro AK, Sievert M, Müller SK, **Agaimy A**, Schapher M, Koch M, Iro H. Is extracapsular dissection for pleomorphic adenoma rather a euphemism for enucleation that jeopardises the intactness of the capsule? **Br J Oral Maxillofac Surg** **2021**;59(10):1204-1208.

Dermawan JK, Azzato EM, Thangaiah JJ, Gjorgova-Gjeorgievski S, Rubin BP, Folpe AL, **Agaimy A**, Fritchie KJ. *PRRX1-NCOA1* rearranged fibroblastic tumor: Clinicopathologic, immunohistochemical and molecular genetic study of 6 cases of a potentially under-recognized, distinctive mesenchymal tumor. **Histopathology** **2021**;79(6):997-1003 (Epub Jul 17).

Vetter M, Kremer AE, **Agaimy A**, Konturek PC, Pfeifer L, Neurath MF, Siebler J, Zopf S. The amount of liver tissue is essential for accurate histological staging in patients with autoimmune hepatitis. **J Physiol Pharmacol** **2021**;72(1).

Glöss S, Jurmeister P, Thieme A, Schmid S, Cai WY, Serrette RN, Perner S, Ribbat-Idel J, Pagenstecher A, Bläker H, Keber U, Stadelmann C, Zechel S, Johann PD, Hasselblatt M, Paulus W, Thomas C, Dohmen H, Baumhoer D, Frank S, **Agaimy A**, Schüller U, Vasudevaraja V, Snuderl M, Liu CZ, Pfister DG, Jungbluth AA, Ghossein RA, Xu B, Capper D, Dogan S. IDH2 R172 Mutations Across Poorly Differentiated Sinonasal Tract Malignancies: 40 Molecularly Homogenous and Histologically Variable Cases with Favorable Outcome. **Am J Surg Pathol** **2021**;45(9):1190-1204 (Epub Jul 15).

Vassos N, Perrakis A, Schmid A, Croner RS, Gruetzmann R, **Agaimy A**. Diffuse Neuromatosis of Intrahepatic and Extrahepatic Bile Ducts as a Rare Cause of Jaundice. **Visc Med** **2021**;37(3):226-232.

Agaimy A, Haller F, Renner A, Niedermeyer J, Hartmann A, French CA. Misleading Germ Cell Phenotype in Pulmonary NUT Carcinoma Harboring the *ZNF532-NUTM1* Fusion. **Am J Surg Pathol** **2022**;46(2):281-288 (Epub Jul 8).

Agaimy A, MD, Stoehr R, Otto M, Bräsen J, MD, Pfarr N, Konukiewitz B, Kasajima A, Hartmann A, Klöppel G. Intra-abdominal *EWSR1/FUS-CREM*-rearranged malignant epithelioid neoplasms: Two cases of a recently described aggressive entity with emphasis on misleading immunophenotype. **Virchows Arch** **2022**;480(2):481-486 (Epub Jul 6).

Mantsopoulos K, Thimsen V, Gostian AO, Müller SK, Sievert M, Iro AK, **Agaimy A**, Iro H. Histopathology of parotid pleomorphic adenomas: A “pleomorphic approach” to a demanding lesion . **Laryngoscope** **2022**;132(1):73-77 (Epub Jul 2).

Surun A, Schneider DT, Ferrari A, Stachowicz-Stencel T, Rascon J, Synakiewicz A, **Agaimy A**, Martinova K, Kachanov D, Roganovic J, Bien E, Bisogno G, Brecht IB, Kolb F, Thariat J, Moya-Plana A, Orbach D. Salivary gland carcinoma in children and adolescents: The EXPeRT/ PARTNER diagnosis and treatment recommendations. **Pediatr Blood Cancer** **2021**; 68 Suppl 4:e29058.

Mantsopoulos K, Iro AK, **Agaimy A**, Iro H. [The histopathological “fingerprint” of the paradigm shift in the treatment of parotid pleomorphic adenoma]. **HNO** **2021**;69(11):913-915 (Epub Jun 23) (article in German).

Buchta P, Thimsen V, Iro AK, **Agaimy A**, Iro H, Mantsopoulos K. [The influence of the capsular defect as a risk factor for recurrence in pleomorphic adenoma]. **Laryngorhinootologie** **2022**;101(5):408-413 (Epub Jun 22) (article in German).

Foersch S, Eckstein M, Wagner DC, Gach F, Woerl AC, Geiger J, Glasner C, Schelbert S, Schulz S, Porubsky S, Kreft A, Hartmann A, **Agaimy A**, Roth W. Deep learning for diagnosis and survival prediction in soft tissue sarcoma. **Ann Oncol** **2021**;32(9):1178-1187 (Epub Jun 14).

Gerber TS, **Agaimy A**, Hartmann A, Habekost M, Roth W, Stenzinger A, Schirmacher P, Straub BK. SWI/SNF-deficient undifferentiated/rhabdoid carcinoma of the gallbladder carrying a POLE mutation in a 30-year-old woman: a case report. **Diagn Pathol** **2021**; 16(1):52.

Agaimy A, Naroditsky I, Ben-Izhak O. Primary high-grade myoepithelial carcinoma of the lung: A study of three cases illustrating frequent SMARCB1-deficiency and review of the literature. **Ann Diagn Pathol** **2021**; 53:151759. (Epub May 8).

Mantsopoulos K, Taha L, Fietkau R, Hornung J, **Agaimy A**, Iro H. [Low-grade (polymorphous) adenocarcinoma of the middle ear mimicking a jugulotympanic paraganglioma]. **HNO** **2021**;69(Suppl 2):88-91 [article in German] (Epub Jun 7).

Peneder P, Stütz AM, Surdez D, Krumbholz M, Semper S, Chicard M, Sheffield NC, Pierron G, Lapouble E, Tötzl M, Ergüner B, Barreca D, Rendeiro AF, **Agaimy A**, Boztug H, Engstler G, Dworzak M, Bernkopf M, Taschner-Mandl S, Ambros IM, Myklebost O, Marec-Berard P, Burchill SA, Brennan B, Strauss SJ, Whelan J, Schleiermacher G, Dirksen U, Hutter C, Boye K, Ambros PF, Delattre O, Metzler M, Bock C, Tomazou EM. Multimodal analysis of cell-free DNA whole-genome sequencing for pediatric cancers with low mutational burden. **Nat Commun** **2021**; 12(1):3230.

Rooper LM, **Agaimy A**, Dickson BC, Dueber JC, Eberhart CG, Gagan J, Hartmann A, Khararjian A, London NR, MacMillan CM, Palsgrove DN, Nix JS, Sandison A, Stoehr R, Truong T, Weinreb I, Bishop JA. DEK-AFF2 Carcinoma of the Sinonasal Region and Skull Base: Detailed Clinicopathologic Characterization of a Distinctive Entity. **Am J Surg Pathol** **2021**;45(12):1682-1693 (Epub May 27).

Ihrler S, [Agaimy A](#), Guntinas-Lichius O, Haas CJ, Mollenhauer M, Sandison A, Greber L. Why is the histomorphological diagnosis of tumours of minor salivary glands much more difficult. **Histopathology** **2021**;79(5):779-790 (Epub May 27).

Groß M, Speckmann C, May A, Gajardo-Carrasco T, Wustrau K, Maier SL, Panning M, Huzly D, [Agaimy A](#), Bryceson YT, Choo S, Chow CW, Dückers G, Fasth A, Freitag S, Gräwe K, Haxelmans S, Holzinger D, Hudowenz O, Hübschen J, Khurana C, Kienle K, Klifa R, Korn K, Kutzner H, Lämmermann T, Ledig S, Lipsker D, Meeths M, Naumann-Bartsch N, Rascon J, Schänzer A, Seidl M, Tesi B, Vauloup-Fellous C, Vollmer-Kary B, Warnatz K, Wehr C, Neven B, Vargas P, Sepulveda FE, Lehmborg K, Schmitt-Gräff A, Ehl S. Rubella vaccine-induced granulomas are a novel phenotype with incomplete penetrance of genetic defects in cytotoxicity. **J Allergy Clin Immunol** **2022**;149(1):388-399.e4 (Epub May 22).

Bishop JA, Sajed D, Weinreb I, Dickson B, Bilodeau E, [Agaimy A](#), Franchi A, Khurram A, Da Forno F, Robledo J, Kalmar J, Tapia JL, Kiss K, Cordell K, Rosebush M, Barrett B, Oda D, Assaad A, Nagao T, Kawakami F, Nakaguro M, Zahir I, Wakeman K, Ihrler S, Chenevert J, Cheng YL, Westra WH, Gagan J, Rooper LM. Microsecretory Adenocarcinoma of Salivary Glands: An Expanded Series of 24 Cases. **Head Neck Pathol** **2021**;15(4):1192-1201 (Epub May 12).

[Agaimy A](#), Stoehr R, Michal M, Christopoulos P, Winter H, Zhang L, Stenzinger A, Michal A, Mechttersheimer G, Antonescu CR. Recurrent *YAP1-TFE3* Gene Fusions in Clear Cell Stromal Tumor of The Lung. **Am J Surg Pathol** **2021**;45(11):1541-1549 (Epub Apr 23).

[Agaimy A](#), Tögel L, Stoehr R, Meidenbauer N, Semrau S, Hartmann A, Mantsopoulos K. *NSD3-NUTM1*-rearranged Carcinoma of the Median Neck/Thyroid Bed Developing After Recent Thyroidectomy for Sclerosing Mucoepidermoid Carcinoma with Eosinophilia: Report of an Extraordinary Case. **Virchows Arch** **2021**;479(6):1095-1099 (Epub Apr 23).

Haller F, Schlieben LD, Ferrazzi F, Michal M, Stöhr R, Moskalev EA, Bieg M, Bovee JVMG, Ströbel P, Ishaque N, Grützmann R, Meidenbauer N, Eils R, Wiemann S, Hartmann A, Michal M, [Agaimy A](#). Lipomatous solitary fibrous tumors harbor rare NAB2-STAT6 fusion variants and show upregulation of the gene Peroxisome Proliferator Activated Receptor Gamma (PPARG) encoding for a regulator of adipocyte differentiation. **Am J Pathol** **2021**; 191(7):1314-1324 (Epub Apr 19).

[Agaimy A](#), Baněčková M, Ihrler S, Mueller SK, Franchi A, Hartmann A, Stoehr R, Skálová A. ALK-rearrangements Characterize Two Distinct Types of Salivary

Gland Carcinoma: Clinicopathologic and Molecular Analysis of Four Cases and Literature Review. **Am J Surg Pathol** **2021**;45(9):1166-1178 (Epub Mar 22).

Skalova A, Leivo I, Hellquist H, **Agaimy A**, Simpson RHW, Stenman G, Vander Poorten V, Bishop JA, Franchi A, Hernandez-Prera JC, Slouka D, Willems SM, Olsen KD, Ferlito A. High-Grade Transformation/ Dedifferentiation in Salivary Gland Carcinomas: Occurrence across Subtypes and Clinical Significance. **Adv Anat Pathol** **2021**;28 (3):107-118.

Polifka I, **Agaimy A**, Moch H, Hartmann A. Histological subtypes of renal cell carcinoma: Overview and new developments. **Pathologe** **2021**;42(3):294-304 [article in German, invited review] (Epub Apr 6).

Mantsopoulos K, Thimsen V, Goncalves M, Müller SK, Sievert M, Iro H, **Agaimy A**, Hornung J. Postinflammatory medial meatal fibrosis: histopathologic features and outcomes of surgical management. **Ear Nose throat J** **2021**:1455613211001134 (Epub Apr 5).

Lang-Schwarz C, Angeloni M, **Agaimy A**, Atreya R, Becker C, Dregelies T, Danese S, Fléjou JF, Gaßler M, Grabsch HI, Hartmann A, Kamarádová K, Köhl AA, Lauwers GY, Lugli A, Nagtegaal I, Neurath MF, Oberhuber G, Peyrin-Biroulet L, Rath T, Riddell R, Rubio CA, Sheahan K, Siegmund B, Tilg H, Villanacci V, Westerhoff M, Ferrazzi F, Vieth F. Validation of the “Inflammatory Bowel Disease - Distribution, Chronicity, Activity (IBD-DCA) Score” for Ulcerative Colitis and Crohn’s disease. **J Crohns Colitis** **2021**;15(10):1621-1630 (Epub Mar 27).

Mantsopoulos K, Sievert M, Iro AK, Müller SK, Koch M, Schapher M, **Agaimy A**, Iro H. Histopathologic comparison of pleomorphic adenomas of the parotid and submandibular gland. **Oral Dis** **2022**;28(4):1131-1136 (Epub Mar 26).

Agaimy A, Michal M, Stoehr R, Ferrazzi F, Fabian P, Michal M, Franchi A, Haller F, Folpe AL, Kösemehmetoğlu K. Recurrent Novel HMGA2-NCOR2 Gene Fusions Characterize a Subset of Keratin-positive Giant Cell-rich Soft Tissue Tumors. **Mod Pathol** **2021**;34(8):1507-1520 (Epub Mar 19).

Agaimy A. Moving from “single gene” concept to “functionally homologous multigene complex”: The SWI/SNF paradigm. **Semin Diagn Pathol** **2021**;38(3):165-166 [invited introductory review] (Epub Mar 3).

Ruh M, Stemmler MP, Frisch I, Fuchs K, van Roey R, Kleemann J, Roas M, Schuhwerk H, Eccles RL, **Agaimy A**, Baumhoer D, Berx G, Müller F, Brabletz T,

Brabletz S. The EMT transcription factor ZEB1 blocks osteoblastic differentiation in bone development and osteosarcoma. **J Pathol** **2021**; 254(2):199-211 (Epub Mar 5).

Ries J, **Agaimy A**, Wehrhan F, Baran C, Bolze S, Danzer E, Frey S, Jantsch J, Möst T, Büttner-Herold M, Wickenhauser C, Kesting M, Weber M. Importance of the PD-1/PD-L1 axis for malignant transformation and risk assessment of oral leukoplakia. **Biomedicines** **2021**; 9(2):194.

Hiss S, Eckstein M, Segschneider P, Mantsopoulos K, Iro H, Hartmann A, **Agaimy A**, Haller F, Müller SK. Tumour-infiltrating lymphocytes (TILs) and PD-L1 expression correlate with lymph node metastasis, high-grade transformation and shorter metastasis-free survival in patients with acinic cell carcinoma (AciCC) of the salivary glands. **Cancers (Basel)** **2021**; 13(5):965.

Trpkov K, Hes O, Williamson S, Adeniran AJ, **Agaimy A**, Alaghebandan R, Amin MB, Argani P, Chen YB, Cheng L, Epstein JI, Cheville JC, Comperat E, Werneck da Cunha I, Gordetsky JB, Gupta S, He H, Hirsch MS, Humphrey PA, Kapur P, Kojima F, Lopez JI, Maclean F, Magi-Galluzzi C, McKenney JK, Mehra R, Menon S, Netto GJ, Przybycin CG, Rao P, Rao Q, Reuter VE, Saleeb RM, Shah RB, Smith SC, Tickoo S, Tretiakova MS, True L, Verkarre V, Wobker SE, Zhou M, Gill AJ. New Developments in Existing WHO Entities and Evolving Molecular Concepts: The Genitourinary Pathology Society (GUPS) Update on Renal Neoplasia. **Mod Pathol** **2021**;34(7):1392-1424 (Epub Mar 4).

Agaimy A, Bishop JA. SWI/SNF-deficient Head And Neck Neoplasms: An Overview. **Semin Diagn Pathol** **2021**; 38(3):175-182 [invited review] (Epub Feb 26).

Heydt C, Woelwer CB, Camacho O, Wagener-Rydzek S, Pappesch R, Siemanowski J, Rehker J, Haller F, **Agaimy A**, Worm K, Herold T, Pfarr N, Weichert W, Kirchner T, Jung A, Kumbrink J; Goering W, Esposito I, Buettner R, Hillmer AM, Merkelbach-Bruse S. Detection of Gene Fusions using Targeted Next-Generation Sequencing – a Comparative Evaluation. **BMC Med Genomics** **2021**;14(1):62 (Epub Feb 27).

Iro AK, **Agaimy A**, Müller SK, Sievert M, Iro H, Mantsopoulos K. Satellite nodules in pleomorphic adenomas of the parotid gland: a nightmare for less invasive parotid surgery? **Oral Oncol** **2021**;115:105218 (Epub Feb 19).

Franchi A, Thompson LDR, Hernandez-Prera JC, **Agaimy A**, Williams MD, Mikkelsen LH, Bishop JA, Willems SM, Hellquist H, Ferlito A. Emerging entities and new diagnostic markers for head and neck soft tissue and bone tumors. **Adv Anat Pathol** **2021**; 28(3):139-149 (Epub Feb 5).

Trpkov K, Williamson S, Gill AJ, Adeniran AJ, **Agaimy A**, Alaghehbandan R, Amin MB, Argani P, Chen YB, Cheng L, Epstein JI, Cheville JC, Comperat E, Werneck da Cunha I, Gordetsky JB, Gupta S, He H, Hirsch MS, Humphrey PA, Kapur P, Kojima F, Lopez JI, Maclean F, Magi-Galluzzi C, McKenney JK, Mehra R, Menon S, Netto GJ, Przybycin CG, Rao P, Rao Q, Reuter VE, Saleeb RM, Shah RB, Smith SC, Tickoo S, Tretiakova MS, True L, Verkarre V, Wobker SE, Zhou M, Hes O. Novel, Emerging and Provisional Renal Entities: The Genitourinary Pathology Society (GUPS) Update on Renal Neoplasia. **Mod Pathol** 2021; 34(6):1167-1184 (Epub Feb 1).

Agaimy A. Papillary Neoplasms of the Salivary Duct System: A review. **Surg Pathol Clin** 2021; 14(1):53-65 (Epub Dec 15) [invited review].

Agaimy A, Daum O, Michal M, Schmidt MW, Stoehr R, Hartmann A, Lauwers GY. Undifferentiated large cell/rhabdoid carcinoma presenting in the intestines of patients with concurrent or recent non-small cell lung cancer (NSCLC): Clinicopathologic and molecular analysis of 14 cases indicates an unusual pattern of dedifferentiated metastases. **Virchows Arch** 2021;479(1):157-167 (Epub Jan 27).

Bieg M, Moskalev EA, Will R, Hebele S, Schwarzbach M, Schmeck S, Hohenberger P, Jakob J, Gaiser T, Ströbel P, Wardelmann E, Kontny U, Braunschweig T, Sirbu H, Grützmann R, Meidenbauer N, Ishaque N, Eils R, Wiemann S, Hartmann A, **Agaimy A**, Fritchie K, Giannini C, Haller F. Gene expression in Solitary Fibrous Tumors (SFTs) correlates with anatomical localization and NAB2-STAT6 gene fusion variants. **Am J Pathol** 2021; 191(4):602-617 (Epub Jan 23).

Mantsopoulos K, Iro AK, Sievert M, Müller SK, **Agaimy A**, Koch M, Iro H. Refinement of the surgical indication and increasing expertise are associated with a better quality of pathology specimen in pleomorphic adenomas. **Acta Otolaryngol** 2021; 141(4):414-418 (Epub Jan 20).

Sievert M, Oetter N, Aubreville M, Stelzle F, Maier A, Eckstein M, Mantsopoulos K, Gostian AO, Mueller SK, Koch M, **Agaimy A**, Iro H, Goncalves M. Feasibility of intraoperative assessment of safe surgical margins during laryngectomy with confocal laser endomicroscopy: A pilot study. **Auris Nasus Larynx** 2021; 48(4):764-769 (Epub Jan 16).

Agaimy A, Stoehr R, Hornung A, Popp J, Erdmann M, Heinzerling L, Hartmann A. Dedifferentiated and Undifferentiated Melanoma: Report of 35 New Cases with Literature Review and Proposal of Diagnostic Criteria. **Am J Surg Pathol** 2021; 45(2):240-254 (Epub Dec 18).

Agaimy A, Mueller SK, Bishop JA, Chiose SI. Primary and Secondary/ Metastatic Salivary Duct Carcinoma Presenting within the Sinonasal Tract. **Head Neck Pathol** 2021;15(3):769-779 (Epub Jan 11).

Argani P, Lian DWQ, **Agaimy A**, Metzler M, Wobker SE, Matoso A, Epstein JI, Sung YS, Zhang L, Antonescu CR. Pediatric Mesothelioma with *ALK* Fusions: A Molecular and Pathologic Study of 5 Cases. **Am J Surg Pathol** 2021; 45(5):653-661 (Epub Jan 4).

Lang-Schwarz C, **Agaimy A**, Atreya R, Becker C, Danese S, Fléjou JF, Gaßler N, Grabsch HI, Hartmann A, Kamarádová K, Kühl AA, Lauwers GY, Lugli A, Nagtegaal I, Neurath MF, Oberhuber G, Peyrin-Biroulet L, Rath T, Riddell R, Rubio CA, Sheahan K, Tilg H, Villanacci V, Westerhoff M, Vieth M. Maximizing the Diagnostic Information from Biopsies in Chronic Inflammatory Bowel Diseases: Recommendations from the Erlangen International Consensus Conference on Inflammatory Bowel Diseases and Presentation of the IBD-DCA Score as a New Index for Histologic Activity Assessment in Ulcerative Colitis and Crohn's Disease. **Virchows Arch** 2021; 478(3):581-594 (Epub Dec 29, 2020).

Wehrhan F, Weber M, Baran C, **Agaimy A**, Büttner-Herold M, Kesting M, Ries J. PD1 expression and correlation with its ligand in oral cancer specimens and peripheral blood. **J Craniomaxillofac Surg** 2021; 49(2):118-125.

Götzl R, Sterzinger S, Arkudas A, Boos AM, Semrau S, Vassos N, Grützmann R, **Agaimy A**, Hohenberger W, Horch RE, Beier JP. The Role of Plastic Reconstructive Surgery in Surgical Therapy of Soft Tissue Sarcomas. **Cancers (Basel)** 2020; 12(12):E3534.

Schmiester M, Dolnik A, Kornak U, Treue D, Hummel M, Pfitzner B, Weyerer V, Hartmann A, **Agaimy A**, Brakemeier S, Peters R, Öllinger R, Märdian S, Bullinger L, Striefler J, Flörcken A. TFE3 Activation in a *TSC1*-Altered Malignant PEComa: Challenging the Dichotomy of the Underlying Pathogenic Mechanisms. **J Pathol Clin Res** 2021; 7(1):3-9 (Epub Nov 12).

Mueller SK, Mantsopoulos K, Semrau S, **Agaimy A**, Eckstein M, Traxdorf M, Gostian AO, Goncalves M, Sievert M, Haderlein M, Grundtner P, Hecht M, Koch M, Fietkau R, Iro H, Scherl C. Influence of p16 status on indication and outcome of salvage neck dissection in oropharyngeal cancer. **Acta Otolaryngol** 2021; 141(2):187-192 (Epub Oct 28, 2020).

Skálová A, **Agaimy A**, Vanecek T, Baneckova M, Laco J, Ptáková N, Šteiner P, Majewska H, Wojciech B, Luigi C, Václav E, Koshyk O, Vondrák J, Michal M, Leivo I.

Molecular Profiling of Clear Cell Myoepithelial Carcinoma of Salivary Glands with EWSR1-Rearrangement Identifies Frequent PLAG1 Gene Fusions, but no EWSR1 Fusion Transcripts. **Am J Surg Pathol** 2021; 45(1):1-13 (Epub Oct 7).

Herrmann H, Cabet E, Chevalier NR, Moosmann J, Schultheis D, Haas J, Schowalter M, Berwanger C, Weyerer V, **Agaimy A**, Meder B, Müller OJ, Katus HA, Schlötzer-Schrehardt U, Vicart P, Ferreiro A, Dittrich S, Clemen CS, Lilienbaum A, Schröder R. Dual functional states of R406W-desmin assembly complexes cause cardiomyopathy with severe intercalated disc derangement in human and in knock-in mice. **Circulation** 2020; 142(22):2155-2171 (Epub Oct 7).

Michal M, Rubin BP, **Agaimy A**, Kosemehmetoglu K, Rudzinski E, Linos K, John I, Gatalica Z, Davis J, Švajdler M, Koshyk O, Kinkor Z, Michalová K, Kalmykova AV, Ptáková N, Hájková V, Grossman P, Šteiner P, Michal M. EWSR1-PATZ1-rearranged Sarcoma: A Report of 9 Cases of Spindle and Round Cell Neoplasms with a Predilection for Thoracoabdominal Soft Tissues and Frequent Expression of Neural and Skeletal Muscle Markers. **Mod Pathol** 2021; 34:770-785 (Epub Oct 4, 2020).

Skálová A, **Agaimy A**, Baneckova M, Stanowska O, Ptáková N, Martinek P, Ardighieri L, Nicolai P, Durzynska M, Corcioni L, Laco J, Koshyk O, Michal M, Vanecek T, Leivo I. Molecular profiling of salivary oncocytic mucoepidermoid carcinomas helps to resolve diagnostic dilemma with low-grade oncocytic lesions. **Am J Surg Pathol** 2020; 44(12):1612-1622 (Epub Sep 29).

Taverna C, Pollastri F, Pecci R, Giannoni B, Fattorini C, Santucci M, Mueller SK, Stoehr R, Franchi A, **Agaimy A**. Papillary-Cystic Neoplasms of the Middle Ear Are Distinct from Endolymphatic Sac Tumors. **Histopathology** 2021;79(3):306-314 (Epub Sep 15).

Taverna C, Baněčková M, Lorenzon M, Palomba A, Franchi A, Skalova A, **Agaimy A**. MUC4 is a valuable marker for distinguishing secretory carcinoma of the salivary glands from its mimics. **Histopathology** 2021;79(3):315-324 (Epub Sep 15).

Treutlein C, Stollberg A, Scherl C, **Agaimy A**, Ellmann S, Iro H, Lell M, Uder M, Bäuerle T. Diagnostic value of 3D dynamic contrast enhanced magnetic resonance imaging in lymph node metastases of head and neck tumors: A correlation study with histology. **Acta Radiol Open**. 2020; 9(8):2058460120951966.

Agaimy A, Bonert M, Wang C, Trpkov K, Dettmar P, Wintzer HO, Hes O, Williamson SR, Gibson IW, Hartmann A. Langerhans Cell Histiocytosis Occurring

within Renal Cell Carcinoma is a Neoplastic Process: Clinicopathologic and Molecular Study of Seven Cases. **Am J Surg Pathol** 2020; 44(12):1658-1665 (Epub Sep 8).

Lerias S, Ariyasriwatana C, **Agaimy A**, Erber R, Young RH, Oliva E. Adenomatoid Tumor of the Uterus: A Report of 6 Unusual Cases With Prominent Cysts Including 4 With Diffuse Myometrial Involvement, 4 With Uterine Serosal Involvement, and 2 Presenting in Curettage Specimens. **Int J Gynecol Pathol** 2021; 40(3):248-256 (Epub Sep 4, 2020).

Hettmer S, Dachy G, **Agaimy A**, Duncan C, Jongmans M, Hirsch S, Kventsel I, Kordes U, de Krijger RR, Metzler M, Michaeli O, Nemes K, Poluha A, Ripperger T, Russo A, Smetsers S, Sparber-Sauer M, Stutz E, Bourdeaut F, Kratz C, Demoulin JB. Genetic testing and surveillance in infantile myofibromatosis: a report from the SIOPE Host Genome Working Group. **Fam Cancer** 2021;20(4):327-336 (Epub Sep 5).

Langheinrich M, Wirtz S, Kneis B, Gittler MM, Tyc O, Schierwagen R, Brunner M, Krautz C, Weber GF, Pilarsky C, Trebicka J, **Agaimy A**, Grützmann R, Kersting S. Microbiome patterns in matched bile, duodenal, pancreatic tumor tissue, drainage and stool samples: association with preoperative stenting and postoperative pancreatic fistula development. **J Clin Med** 2020; 9(9):E2785.

Busch E, Kreutzfeldt S, **Agaimy A**, Mechtersheimer G, Horak P, Brors B, Hutter B, Fröhlich M, Uhrig S, Mayer P, Schröck E, Stenzinger A, Glimm H, Jäger D, Springfield C, Fröhling S, Zschäbitz S. Successful BRAF/MEK inhibition in a patient with *BRAF*^{V600E}-mutated extrapancreatic acinar cell carcinoma. **Cold Spring Harb Mol Case Stud** 2020; 6(4):a005553.

Lasota, J, Chłopek M, Wasąg B, Kowalik A, Christiansen J, Lamoureux J, Kuźniacka A, Felisiak-Gołębek A, Liu Y, Reyes TAR, Saha R, **Agaimy A**, Behenska K, Biernat W, Cattaneo L, Centonze G, Daum O, Daumova M, Domagała P, Dziuba I, Geppert CE, Gózdź S, Nasierowska-Guttmejer A, Hałoń A, Hartmann A, Inaguma S, Iżycka-Świeszewska E, Kaczorowski M, Kołos M, Kopczyński J, Michal M, Milione M, Okoń K, Pęksa R, Pyzlak M, Ryś J, Waloszczyk P, Wejman J, Miettinen M. Colorectal adenocarcinomas harboring ALK fusions genes: A clinicopathologic and molecular genetic study of 11 cases and review of the Literature. **Am J Surg Pathol** 2020; 44:1224-1234 (Epub Jul 9).

Erlmeier F, Steffens S, Stöhr C, Herrmann E, Polifka I, **Agaimy A**, Trojan L, Ströbel P, Becker F, Wülfing C, Barth P, Stöckle M, Staehler M, Stief C, Höfler H, Haferkamp A, Hohenfellner M, Macher-Göppinger S, Wullich B, Noldus J, Brenner W, Roos FC, Walter B, Otto W, Burger M, Schrader AJ, Hartmann A, Ivanyi P, German Network Of Kidney Cancer. Characterization of PD-1 and PD-L1 expression in papillary

renal cell carcinoma - Results of a large multicenter study. **Clin Genitourin Cancer** 2021; 19(1):53-59.e1 (Epub Jul 21).

Schmidkonz C, Rauber S, Atzinger A, Agarwal R, Goetz TI, Soare A, Bergmann C, Cordes M, Prante O, Ritt P, Maschauer S, Henning P, Toms J, Köhner M, Manger B, Stone JH, Haberkorn U, Distler JHW, Bäuerle T, **Agaimy A**, Kuwert T, Schett G, Ramming A. Disentangling inflammatory from fibrotic disease activity by fibroblast-activation protein imaging. **Ann Rheum Dis** 2020; 79(11):1485-1491 (Epub Jul 9).

Bertz S, Stoehr R, Gaisa NT, Wullich B, Hartmann A, **Agaimy A**. TERT promoter mutation analysis as a surrogate to morphology and immunohistochemistry in problematic spindle cell lesions of the urinary bladder. **Histopathology** 2020; 77(6):949-962 (Epub Jul 1).

Popp B, Erber R, Kraus C, Vasileiou G, Hoyer J, Burghaus S, Hartmann A, Beckmann MW, Reis A, **Agaimy A**. Targeted sequencing of FH-deficient uterine leiomyomas reveals biallelic inactivating somatic fumarase variants and allows characterization of missense variants. **Mod Pathol** 2020;33(11):2341-2353 (Epub Jul 1).

Skowronek D, Hebebrand M, Erber R, **Agaimy A**, Zweier C, Felbor U, Rath M. Identification and characterization of a *GLMN* splice site variant in a family with glomuvenous malformations. **Eur J Dermatol** 2020; 30(2):179-181.

Promny D, Horch RE, **Agaimy A**, Hauck T. [Glomus tumour of the finger: a rare but painful hand surgical entity]. **Handchir Mikrochir Plast Chir** 2020; 52(3):207-209 [article in German].

Rooper LM, Uddin N, Gagan J, Brosens LAA, Magliocca KR, Edgar MA, Thompson LDR, **Agaimy A**, Bishop JA. Recurrent Loss of SMARCA4 in Sinonasal Teratocarcinosarcoma **Am J Surg Pathol** 2020; 44(10):1331-1339 (Epub Jun 5).

Agaimy A, Witkowski L, Stoehr R, Castillo Cuenca JC, González-Muller CA, Brütting A, Bährle M, Mantsopoulos K, Amin RMS, Hartmann A, Metzler M, Amr SS, Foulkes WD, Sobrinho-Simões M, Eloy C. Malignant teratoid tumor of the thyroid gland: An aggressive primitive multiphenotypic malignancy showing organotypical elements and frequent *DICER1* alterations: Is the term "thyroblastoma" more appropriate? **Virchows Arch** 2020; 477(6):787-798 (Epub Jun 7).

Agaimy A, Stoehr R, Tögel L, Hartmann A, Cramer T. YAP1-MAML2-rearranged poroid squamous cell carcinoma (squamoid porocarcinoma) presenting as primary parotid gland tumor. **Head Neck Pathol** **2021**;15(1):361-367 (Epub Jun 5, 2020).

Vetter M, Kremer AE, **Agaimy A**, Pfeifer L, Neurath MF, Siebler J, Zopf S. How much liver tissue is required for sufficient histological staging in patients with primary biliary cholangitis? **Digestion** **2021**; 102(3):428-436 (Epub Jun 3, 2020).

Kuroda N, Trpkov K, Gao Y, Tretiakova M, Liu YJ, Ulamec M, Takeuchi K, **Agaimy A**, Przybycin C, Magi-Galluzzi C, Fushimi S, Kojima F, Sibony M, Hang JF, Pan CC, Yilmaz A, Siadat F, Sugawara E, Just PA, Ptakova N, Hes O. ALK rearranged renal cell carcinoma (ALK-RCC): a multi-institutional study of twelve cases with identification of new partner genes CLIP1, KIF5B and KIAA1217. **Mod Pathol** **2020**; 33(12):2564-2579 (Epub May 28).

Agaimy A, Tögel L, Haller F, Zenk J, Hornung J, Märkl B. YAP1-NUTM1 gene fusion in porocarcinoma of the external auditory canal. **Head Neck Pathol** **2020**; 14(4):982-990 (Epub May 20).

Vankova B, Behenska K, Bauer M, Sedivcova M, Daumova M, **Agaimy A**, Michal M, Daum O. Morphological features useful in the differential diagnosis between undifferentiated carcinoma and gastrointestinal stromal tumor. **Ann Diagn Pathol**, **2020**; 46:151527.

Mandic R, **Agaimy A**, Pinto Quintero D, Roth K, Teymoortash A, Schwarzbach H, Stoehr CG, Rodepeter FR, Stuck BA, Bette M. Aberrant expression of Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) in parotid gland Warthin tumors. **Cancers (Basel)** **2020**; 12(5):E1112.

Haller F, Moskalev EA, Kuck S, Bieg M, Winkelmann Christa, Müller SK, Ihrler S, Märkl B, Eils R, Wiemann S, Iro H, Hartmann A, **Agaimy A**. Nuclear NR4A2 (Nurr1) immunostaining is a novel marker for Acinic Cell Carcinoma of the salivary glands lacking the classical NR4A3 (NOR-1) upregulation. **Am J Surg Pathol** **2020**; 44:1290-1292 (Epub Apr 8).

Strecker T, **Agaimy A**, Röscha J, Jasinski D. Long-term Durability of Starr-Edwards Disk mitral valve prosthesis over 46 years. **J Card Surg** **2020**; 35:1337-1339 (Epub Apr 25).

Hellquist H, Ferlito A, Mäkitie AA, Thompson LDR, Bishop JA, **Agaimy A**, Fernandez-Prera JC, Gnepp DR, Willems SM, Slotweg PJ, Rinaldo A. Developing

Classifications of Laryngeal Dysplasia: The Historical Basis. **Adv Ther 2020**; 37:2667-2677 (Epub Apr 23).

Mantsopoulos K, Taha L, **Agaimy A**, Iro H. Post-laryngectomy sinonasal squamous cell carcinoma: case report and review of the literature. **Clin Case Rep 2020**; 8(4):630-634.

Chaudet K, Kem M, Lerwill M, Young R, Mino-Kenudson M, **Agaimy A**, McCluggage WG, Oliva E. SWI/SNF Protein and Claudin-4 Expression in Anaplastic Carcinomas Arising in Mucinous Tumors of the Ovary. **Histopathology 2020**;77(2):231-239 (Epub Apr 8).

Baněčková M, **Agaimy A**. SATB2 is consistently expressed in ossifying and non-ossifying peripheral oral fibroma of the gingival region but only rarely in fibromatous lesions from other intraoral sites. **Ann Diagn Pathol 2020**; 46:151510.

Maisch S, Mueller SK, Traxdorf M, Weyerer V, Stoehr R, Iro H, Hartmann A, **Agaimy A**. Sinonasal Papillomas: A single centre experience on 137 cases with emphasis on malignant transformation and EGFR/KRAS status in “carcinoma ex papilloma”. **Ann Diagn Pathol 2020**; 46:151504.

Erber R, Haller F, Hartmann A, **Agaimy A**. Prominent Entrapment of Native Epithelium in Primary and Metastatic Intrapulmonary Non-epithelial Neoplasms: A Frequent Morphological Pattern Closely Mimicking Adenofibroma and Other Biphasic Pulmonary Lesions. **Virchows Arch 2020**;477(2):195-205 (Epub Mar 19).

Beck C, Weber K, Brunner M, **Agaimy A**, Semrau S, Grützmann R, Schellerer V, Merkel S. The influence of postoperative complications on long-term prognosis in patients with colorectal carcinoma. **Int J Colorectal Dis 2020**; 35(6):1055-1066 (Epub Mar 14).

Michal M, Rubin BP, Kazakov DV, Michalová K, Šteiner P, Grossmann P, Hájková V, Martínek P, Švajdler M, **Agaimy A**, Hadravský L, Kalmykova AV, Konishi E, Heidenreich F, Michal M. Inflammatory Leiomyosarcoma Shows Frequent Co-expression of Smooth and Skeletal Muscle Markers Supporting a Primitive Myogenic Phenotype: A Report of 9 Cases with a Proposal for Reclassification as Low-grade Inflammatory Myogenic Tumor. **Virchows Arch 2020**; 477(2):219-230 (Epub Feb 20).

Agaimy A, Jain D, Uddin N, Rooper LM, Bishop JA. SMARCA4-deficient Sinonasal Carcinoma: A Series of 10 Cases Expanding the Genetic Spectrum of SWI/SNF-driven Sinonasal Malignancies. **Am J Surg Pathol** 2020; 44(5):703-710 (Epub Jan 13).

Krumbholz M, **Agaimy A**, Stoehr R, Burger M, Wach S, Taubert H, Wullich B, Hartmann A, Metzler M. Molecular composition of genomic *TMPRSS2-ERG* rearrangements in prostate cancer **Dis Markers** 2019; 2019:5085373.

Puls F*, **Agaimy A***, Flucke U, Mentzel T, Sumathi VP, Ploegmakers M, Stoehr, R, Kindblom LG, Hansson M, Sydow S, Arbajian E, Mertens F. Recurrent Fusions between YAP1 and KMT2A in morphologically distinct Neoplasms within the Spectrum of Low-grade Fibromyxoid Sarcoma and Sclerosing Epithelioid Fibrosarcoma. **Am J Surg Pathol** 2020; 44(5):594-606 (Epub Jan 6).

Weber M, Wehrhan F, Baran C, **Agaimy A**, Büttner-Herold M, Öztürk H, Neubauer K, Wickenhauser C, Kesting M, Ries J. Malignant transformation of oral leukoplakia is associated with macrophage polarization. **J Transl Med.** 2020; 18(1):11.

Agaimy A, Skalova A, Franchi A, Alshagroud R, Gill AJ, Stoehr R, Baumhoer D, Bauer S. Ameloblastic Fibrosarcoma: Clinicopathological and Molecular Analysis of 7 Cases Highlighting Frequent BRAF and Occasional NRAS Mutations. **Histopathology** 2020; 76(6):814-821 (Epub Jan 3).

Gajzer DC, Fletcher CD, **Agaimy A**, Brcic I, Khanlari M, Rosenberg AE. Primary Gastrointestinal Liposarcoma – A Clinicopathologic Study of 8 Cases of A Rare Entity. **Hum Pathol** 2019; 97:80-93 (Epub Dec 26).

Agaimy A, Franchi A, Lund VJ, Skálová A, Bishop JA, Triantafyllou A, Andreasen S, Gnepp DR, Hellquist H, Thompson LDR, Rinaldo A, Ferlito A. Sinonasal Undifferentiated Carcinoma (SNUC): From an Entity to Morphological Pattern and Back Again. An Historical Perspective. **Adv Anat Pathol** 2020; 27:51-60 (Epub Dec 24).

Petersson F, **Agaimy A**. Lipomatous basal cell adenoma – report of the first two cases. **Ann Diagn Pathol** 2019; 44:151444 (Epub Dec 17).

Rogala J, Kojima F, Ralaghehbandan R, **Agaimy. A**, Martinek P, Ondic O, Ulamec M, Sperga M, Michalova K, Pivovarcikova K, Pitra T, Hora M, Ferak I, Marečková J, Michal M, Hes O. Papillary Renal Cell Carcinoma with Prominent Spindle Cell Stroma - Tumor mimicking Mixed Epithelial and Stromal Tumor of the Kidney:

Clinicopathologic, morphologic, immunohistochemical and molecular genetic analysis of 6 cases. **Ann Diagn Pathol** 2019; 44:151441 (Epub Dec 13).

Schmidkonz C, Krumbholz M, Atzinger A, Cordes M, Goetz TI, Prante O, Ritt P, Schaefer C, **Agaimy A**, Hartmann W, Rössig C, Fröhlich B, Bäuerle T, Dirksen U, Kuwert T, Metzler M. Assessment of Treatment Responses in Children and Adolescents with Ewing Sarcoma with Metabolic Tumor Parameters Derived from 18F-FDG-PET/CT and Circulating Tumor DNA. **Eur J Nucl Med Mol Imaging** 2020; 47(6):1564-1575 (Epub Dec 18, 2019).

Semrau S, Schmidt D, Hecht M, Haderlein M, Kitzsteiner C; Müller S, Traxdorf M, **Agaimy A**, Iro H, Kuwert T, Fietkau R. Classification of three prognostically different groups of head and neck cancer patients based on their metabolic response to induction chemotherapy (IC-1). **Oral Oncol** 2020; 100:104479 (Epub Nov 28).

Probst A, Schaller T, Sommer F, Geissler B, **Agaimy A**, Messmann H, Märkl B. Tumefactive Immunoglobulin G4 (IgG4)-related disease of the stomach – a challenging differential diagnosis in suspected gastric cancer. **Z Gastroenterol** 2019; 57(11):1298-1303.

Thomas C, Wefers A, Bens S, Nemes K, **Agaimy A**, Oyen F, Vogelgesang S, Rodriguez FJ, Brett FM, McLendon R, Bodi I, Burel-Vandenbos F, Poulsen FR, Giannini C, Reifenberger G, Kordes U, Siebert R, Frühwald MC, Sill M, Kool M, von Deimling A, Paulus W, Hasselblatt M. Desmoplastic myxoid tumor, SMARCB1-mutant: clinical, histopathological and molecular characterization of a pineal region tumor encountered in adolescents and adults. **Acta Neuropathol** 2020; 139(2):277-286 (Epub Nov 16).

Merola E, Rinke A, Partelli S, Gress TM, Andreasi V, Kollàr A, Perren A, Christ E, Panzuto F, Pascher A, Jann H, Arsenic R, Cremer B, Kaemmerer D, Kump P, Lipp RW, **Agaimy A**, Wiedenmann B, Falconi M, Pavel ME. Surgery with Radical Intent: is there an indication for G3 neuroendocrine neoplasms? **Ann Surg Oncol** 2020; 27(5):1348-1355 (Epub Nov 12).

Strecker T, Nooh E, Marwan M, **Agaimy A**. Rapidly growing cardiac myxoma diagnosed within one year after unremarkable prior cardiac imaging. **J Card Surg** 2019; 34(12):1645-1646 (Epub Nov 7).

Götzl R, Sterzinger S, Semrau S, Vassos N, Hohenberger W, Grützmann R, **Agaimy A**, Arkudas A, Horch RE, Beier JP. Patient's quality of life after surgery and

radiotherapy for extremity soft tissue sarcoma - a retrospective single-center study over ten years. **Health Qual Life Outcomes** 2019; 17(1):170.

Agaimy A. What's new in epithelioid soft tissue tumors? **Virchows Arch** 2020; 476(1):81-96 [invited review] (Epub Nov 4).

Lasota J, Chłopek M, Lamoureux J, Christiansen J, Kowalik A, Wasąg B, Felisiak-Gołabek A, **Agaimy A**, Biernat W, Canzonieri V, Centonze G, Chmielik E, Daum O, Dubova M, Dziuba I, Goertz S, Gózdź S, Guttmejer-Nasierowska A, Haglund C, Hałon A, Hartmann A, Inaguma S, Iżycka-Świeszewska E, Kaczorowski M, Kita P, Kołos M, Kopczyński J, Michal M, Milione M, Okoń K, Pęksa R, Pyzlak M, Ristimäki A, Ryś J, Szostak B, Szpor J, Szumiło J, Teresiński L, Waloszczyk P, Wejman J, Wesołowski W, Miettinen M. Colonic Adenocarcinomas Harboring NTRK Fusion Genes: A Clinicopathologic and Molecular Genetic Study of 16 Cases and Review of the Literature. **Am J Surg Pathol** 2020; 44(2):162-173 (Epub Sep 23).

Shah MD AA, Jain D, Ababneh E, **Agaimy A**, Hoschar AB, Griffith CC, Magliocca KR, Wenig BM, Rooper LM, Bishop JA. SMARCB1 (INI-1)-Deficient Adenocarcinoma of the Sinonasal Tract: A Potentially Under-Recognized Form in the Spectrum of Sinonasal Adenocarcinomas with Occasional Yolk Sac Tumor-Like Features. **Head Neck Pathol** 2020; 14(2):465-472 (Epub Aug 29).

Husain NE, Badie Suliman AA, Abderahman I, Bedri SA, Musa RM, Osman HE, Mustafa AH, Jafar N, Farah E, Satir AA, Ahmed MH, Osman M, Khalil AA, **Agaimy A**. Vitamin D level and its determinants among Sudanese Women Attending Family Health Centers in Khartoum State. **J Family Med Prim Care** 2019; 8:2389-2394.

Mueller SK, Wendler O, Nocera A, Grundtner P, Schlegel P, **Agaimy A**, Iro H, Bleier BS. Escalation in mucus cystatin 2, pappalysin-A, and periostin levels over time predicts need for recurrent surgery in chronic rhinosinusitis with nasal polyps. **Int Forum Allergy Rhinol** 2019; 9:1212-1219 (Epub Aug 20).

Nowak V, **Agaimy A**, Kristiansen G, Gütgemann I. Increased IgG4-positive plasma cells in nodular-sclerosing Hodgkin lymphoma: A diagnostic pitfall. **Histopathology** 2020; 76(2):244-250 (Epub Aug 1).

Scherl C, Haderlein M, **Agaimy A**, Mantsopoulos K, Koch M, Traxdorf M, Fietkau R, Grundtner P, Heinrich Iro I. Outcome and management of the rare high-grade "salivary" adenocarcinoma: The important role of adjuvant radio(chemo)therapy. **Strahlenther Onkol** 2019; 195:1050-1059 (Epub Jul 26).

Weyerer V, Weisser R, Moskalev EA, Haller F, Stoehr R, Eckstein M, Zinnall U, Gaisa NT, Compérat E, Perren A, Keck B, Allory Y, Kristiansen G, Wullich B, **Agaimy A**, Hartmann A, Bertz S. Distinct genetic alterations and luminal molecular subtype in nested variant of urothelial cancer. **Histopathology** **2019**; 75:865-875 (Epub Jul 26).

Schapher M, Koch M, **Agaimy A**, Goncalves M, Mantsopoulos K, Iro H. Parotid pleomorphic adenomas: Factors influencing surgical techniques, morbidity, and long-term outcome relative to the new ESGS classification in a retrospective study. **J Craniomaxillofac Surg** **2019**; 47(9):1356-1362 (Epub Jun 26).

Husain NE, Suliman AA, Abdelrahman I, Bedri SA, Musa RM, Osman HE, Mustafa AH, Gafer N, Farah E, Satir AA, Ahmed MH, Osman M, **Agaimy A**. Serum vitamin D level, sun-exposed area, dietary factors, and physical activity as predictors of invasive breast cancer risk among Sudanese women: A case-control study. **J Family Med Prim Care** **2019**; 8(5):1706-1714.

Agaimy A. Myxoid soft tissue tumours: an algorithm for differential diagnosis. **Pathologie** **2019**; 40(4):353-365 [article in German, invited review] (Epub Jun 5).

Skálová Al, Ptáková N, Santana T, **Agaimy A**, Ihrler S, Uro-Coste E, Thompson LDR, Bishop JA, Baněčková M, Rupp NJ, Morbini P, de Sanctis S, Schiavo-Lena M, Vanecek T, Michal M, Leivo I. *NCOA4-RET* and *TRIM27-RET* are characteristic gene fusions in salivary intraductal carcinoma, including invasive and metastatic tumors: is “intraductal” correct? **Am J Surg Pathol** **2019**; 43:1303-1313 (Epub May 31).

Wiesmueller F, **Agaimy A**, Perrakis A, Arkudas A, Horch RE, Grützmann R, Vassos N. Dermatofibrosarcoma protuberans: Surgical management of a challenging mesenchymal tumor. **World J Surg Oncol** **2019**; 17(1):90.

Ndreshkjana B, Çapci Karagöz A, Klein V, Chanvorachote P, Muenzner JK, Huebner K, Steinmann S, Erlenbach-Wünsch K, Geppert CI, **Agaimy A**, Ballout F, El-Baba C, Gali-Muhtasib H, Hartmann A, Tsogoeva SB, Schneider-Stock R. Combination of 5-Fluorouracil and Thymoquinone targets a unique stem cell-based gene signature in colorectal cancer cells. **Cell Death Dis** **2019**; 10(6):379.

Haller F, Skálová A, Ihrler S, Märkl B, Bieg M, Moskalev EA, Erber R, Blank S, Winkelmann C, Hebele S, Baněčková M, Wiemann S, Müller S, Zenk J, Eils R, Iro H, Hartmann A, **Agaimy A**. Nuclear NR4A3 immunostaining is a specific and sensitive novel marker for acinic cell carcinoma of the salivary glands **Am J Surg Pathol**; 43:1264-1272 (Epub May 13).

Popp B, **Agaimy A**, Kraus C, Knaup KX, Uebe S, Reis A, Wiesener M, Zweier C. Dissecting *TSC2*-mutated renal and hepatic angiomyolipomas in an individual with *ARID1B*-associated intellectual disability. **BMC Cancer** 2019; 19:435.

Monteiro AC, Muenzner JK, Andrade F, Rius FE, Ostalecki C, Geppert CI, **Agaimy A**, Hartmann A, Fujita A, Schneider-Stock R, Jasiulionis MG. Gene expression and promoter methylation of angiogenic and lymphangiogenic factors as prognostic markers in melanoma. **Mol Oncol** 2019; 13(6):1433-1449 (Epub May 8).

Haderlein M, Scherl C, Semrau S, Lettmaier S, Hecht M, Putz F, Iro H, **Agaimy A**, Fietkau R. Salivary gland carcinoma (SGC) with perineural spread and/or positive resection margin - high locoregional control rates after photon (chemo)radiotherapy - Experience from a monocentric analysis. **Radiat Oncol** 2019; 14(1):68.

Hölters S, Khalmurzaev O, Pryalukhin A, Loertzer P, Janssen M, Heinzlbecker J, Ueberdiek S, Pfuhl T, Smola S, **Agaimy A**, Geppert C, Loertzer H, Krah X, Wunderlich H, Wagenpfeil S, Bohle RM, Stöckle M, Matveev V, Hartmann A, Junker K. Challenging the prognostic impact of the new WHO and TNM classifications with special emphasis on HPV status in penile carcinoma. **Virchows Arch** 2019; 475:211-221 (Epub Apr 10).

Baran CA, **Agaimy A**, Wehrhan F, Weber M, Hille V, Brunner K, Wickenhauser C, Siebolts U, Nkenke E, Kesting M, Ries J. MAGE-A expression in oral and laryngeal leukoplakia predicts malignant transformation. **Mod Pathol** 2019; 32:1068-1081 (Epub Apr 15).

Strecker T, Nooh E, Weyand M, **Agaimy A**. Huge coronary artery fistula to the pulmonary artery. **J Card Surg** 2019; 34(5):350-351 (Epub Mar 25).

Semrau S, **Agaimy A**, Pavel M, Lubgan D, Schmidt D, Cavallaro A, Golcher H, Grützmann R, Fietkau R. Longterm Control with Chemoradiation of initially metastatic mixed adenoneuroendocrine carcinoma (MANEC) of the rectum - a case report. **J Med Case Rep** 2019; 13(1):82.

Mayr P, **Agaimy A**, Kriening B, Dintner S, Schenkirsch G, Schneider-Stock R, Märkl B. Malignancies associated with GIST: a retrospective study with molecular analysis of *KIT* and *PDGFRA*. **Langenbecks Arch Surg** 2019; 404(5):605-613 (Epub Mar 15).

Agaimy A, Wick MR. Paraneoplastic Syndromes-- “keys” to histopathological diagnoses and appropriate therapy. **Semin Diagn Pathol** 2019; 36:203 (Epub Mar 7).

Pivovarcikova K, **Agaimy A**, Martinek P, Alaghehbandan R, Perez Montiel D, Alvarado Cabrero I, Rogala J, Kuroda N, Rychly B, Gasparov S, Michalova K, Michal M, Hora M, Pitra To, Tuckova I, Laciok S, Mareckova J, Hes O. Primary Renal Well-differentiated Neuroendocrine Tumor (Carcinoid): Next- Generation Sequencing Study of 11 Cases. **Histopathology** 2019; 75(1):104-117 (Epub Mar 9).

Agaimy A. Paraneoplastic Disorders Associated with Miscellaneous Neoplasms with Focus on Selected Soft Tissue and Undifferentiated/ Rhabdoid Malignancies. **Semin Diagn Pathol** 2019; 36:269-278 (Epub Feb 20).

Xue Y, Meehan B, Fu Z, Fiset PO, Rieker R, Levins C, Kong T, Zhu X, Morin G, Skerritt L, Herpel E, Venneti S, Martinez D, Judkins AR, Jung S, Camilleri-Broet S, Gonzalez AV, Guiot MC, Lockwood W, Spicer J, **Agaimy A**, Rak J, Foulkes WD, Huang S. SMARCA4 loss is synthetic lethal with CDK4/6 inhibition in non-small cell lung cancer. **Nat Commun** 2019; 10(1):557.

Agaimy A. SWI/SNF-deficient soft tissue neoplasms: A pattern-based approach to diagnosis and differential diagnosis. **Surg Pathol Clin** 2019; 12(1):149-163.

Diets IJ, Hoyer J, Ekici AB, Popp B, Hoogerbrugge N, van Reijmersdal SV, Bhaskaran R, Hadjihannas M, Vasileiou G, Thiel CT, Seven D, Uebe S, Ilencikova D, Waanders E, Mavinkurve-Groothuis AMC, Roeleveld N, de Krijger RR, Wegert J, Graf N, Vokuhl C, **Agaimy A**, Gessler M, Reis A, Kuiper RP, Jongmans MCJ, Metzler M. *TRIM28* haploinsufficiency predisposes to Wilms tumor. **Int J Cancer** 2019; 145(4):941-951. (Epub Jan 29).

Haller F, Bieg M, Will R, Bott A, Ishaque N, Lutsik P, Moskalev EA, Mueller SK7, Scherl C, Haderlein M, Kleinheinz K, Fietkau R, Iro H, Eils R, Hartmann A, Plass C, Wiemann S, **Agaimy A**. Enhancer hijacking activates oncogenic transcription factor NR4A3 in acinic cell carcinomas of the salivary glands. **Nat Commun** 2019; 10(1):368.

Weber M, Wehrhan F, Baran C, **Agaimy A**, Büttner-Herold M, Kesting M, Ries J. Prognostic significance of PD-L2 expression in patients with oral squamous cell carcinoma-A comparison to the PD-L1 expression profile. **Cancer Med** 2019; 8(3):1124-1134 (Epub Jan 11).

Schmitz KJ, Losch M, **Agaimy A**. Myositis ossificans mimicking metaplastic breast cancer on core needle biopsy. **Hum Pathol** 2019; 93:97-102 (Epub Jan 11).

Erber E, Warth A, Muley T, Hartmann A, Herpel E, **Agaimy A**. BAP1 loss is a useful adjunct to distinguish malignant mesothelioma including the adenomatoid-like variant from benign adenomatoid tumors. **Appl Immunohistochem Mol Morphol** 2020; 28:67-73 (Epub Jan 11).

Goh GH, Putti TC, Ngo R, **Agaimy A**, Petersson F. Primary pleomorphic lipoma of the parotid gland with prominent myxoid change – Report of a rare case mimicking carcinoma ex pleomorphic adenoma on fine needle aspiration cytology. **Head Neck Pathol** 2020; 14(1):246-249 (Epub Jan 4).

Eckstein M, Jung R, Weigelt K, Sikic D, Stöhr R, Geppert C, **Agaimy A**, Lieb V, Hartmann A, Wullich B, Wach S, Taubert H. Piwi-like 1 and -2 protein expression levels are prognostic factors for muscle invasive urothelial bladder cancer patients. **Sci Rep** 2018; 8(1):17693.

Merkel S, Weber K, Brunner M, Baecker J, **Agaimy A**, Göhl J, Hohenberger W, Schellerer V, Grützmann R. Prognostic subdivision of pT2 rectal carcinomas. **Int J Colorectal Dis** 2018; 34(3):409-415 (Epub Dec 4).

Lewis JS Jr, Adelstein DJ, **Agaimy A**, Carlson DL, Faquin WC, Helliwell T, Hille J, Ng T, Nicholls JM, O'Sullivan B, Thompson LDR. Dataset for the reporting of carcinomas of the nasopharynx and oropharynx: Explanations and recommendations of the guidelines from the International Collaboration on Cancer reporting. **Arch Pathol Lab Med** 2018; 143:447-451 (Epub Nov 30).

Brunner M, **Agaimy A**, Atreya R, Grützmann R, Matzel KE. Cap polyposis in children: Case report and review of literature. **Int J Colorectal Dis** 2018; 34(2):363-368 (Epub Nov 13).

Michal M, **Agaimy A**, Contreras AL, Michal M, Fetsch JF. In reply to: “Fat-rich” (Spindle Cell-poor) Variants of Atypical Spindle Cell Lipomatous Tumors Show Similar Morphologic, Immunohistochemical and Molecular Features as “Dysplastic Lipomas” Are They Related Lesions? **Am J Surg Pathol**; 43(2):289-290 (Epub Nov 9).

Krugmann J, Schwarz CL, Melcher B, Sterlacci W, Ozalinskaite A, Lermann J, **Agaimy A**, Vieth M. Malignant ascites occurs most often in patients with high-grade serous papillary ovarian cancer at initial diagnosis: a retrospective

analysis of 191 women treated at Bayreuth Hospital, 2006-2015. **Arch Gynecol Obstet** **2018**; 299:515-523 (Epub Nov 10).

Michal M, **Agaimy A**, Folpe AL, Zambo I, Kebrle R, Kinkor Z, Svajdler M, Vanecek T, Heidenreich P, Kazakov DV, Michalova K, Hadravsky L, Michal M. Tenosynovitis with psammomatous calcifications: a distinctive frequently trauma-associated subtype of idiopathic calcifying tenosynovitis with a predilection for distal extremities of middle aged women. A report of 23 cases. **Am J Surg Pathol** **2019**; 43:261-267 (Epub Oct 26).

Martinez AP, Fritchie KJ, Weiss SW, **Agaimy A**, Haller F, Huang HY, Lee S, Bahrami A, Folpe AL. Histiocyte-rich Rhabdomyoblastic Tumor: Rhabdomyosarcoma, Rhabdomyoma, or Rhabdomyoblastic Tumor of Uncertain Malignant Potential? A Report of 10 Cases of a Potentially Deceptive, Unusual Rhabdomyoblastic Neoplasm. **Mod Pathol** **2019**; 32:446-457 (Epub Oct 4).

Bure I, Geer S, Knopf J, Roas M, Henze S, Ströbel P, **Agaimy A**, Wiemann S, Hoheisel JD, Hartmann A, Haller F, Moskalev EA. Long noncoding RNA HOTAIR is upregulated in an aggressive subgroup of gastrointestinal stromal tumors (GIST) and mediates the establishment of gene-specific DNA methylation patterns. **Genes Chromosomes Cancer** **2018**; 57(11):584-597 (Epub Sep 24).

Mok Y, **Agaimy A**, Kuick CH, Chang KTE Wang S, Fredrik Petersson F. High-Grade Myoepithelial Carcinoma Can Show Histologically Undifferentiated/Anaplastic Features. **Ann Diagn Pathol** **2018**; 37:20-24.

Polifka I, **Agaimy A**, Herrmann E, Spath V, Trojan L, Stöckle M, Becker F, Ströbel P, Wülfing C, Schrader AJ, Barth P, Staehler M, Stief C, Hohenfellner M, Macher-Göppinger S, Höfler H, Wullich B, Noldus J, Brenner W, Roos FC, Walter B, Otto W, Burger M, Haferkamp A, Geppert CI, Stöhr C, Hartmann A, *The German Network of Kidney Cancer. High proliferation rate and TNM-stage but not histomorphological subtype are independent prognostic markers for overall survival in papillary renal cell carcinoma. **Hum Pathol** **2019**; 83:212-223 (Epub Aug 16).

Michal M, **Agaimy A**, Contreras AL, Svajdler M, Kazakov DV, Steiner P, Grossmann P, Martinek P, Hadravsky L, Michalova K, Svajdler P, Szep Z, Michal M, Fetsch JF. Dysplastic lipoma: a distinctive atypical lipomatous neoplasm with anisocytosis, focal nuclear atypia, p53 overexpression and a lack of MDM2 gene amplification by FISH. A report of 66 cases demonstrating occasional multifocality and a rare association with retinoblastoma. **Am J Surg Pathol** **2018**; 42(11):1530-40 (Epub Jul 11).

Büttner F, Winter S, Rausch S, Hennenlotter J, Kruck S, Stenzl A, Scharpf M, Fend F, **Agaimy A**, Hartmann A, Bedke J, Schwab M, Schaeffeler E. Clinical utility of the S3-score for molecular prediction of outcome in non-metastatic and metastatic clear cell renal cell carcinoma. **BMC Medicine** 2018; 16(1):108.

Michal M, Berry RS, Rubin BP, Kilpatrick SE, **Agaimy A**, Kazakov DV, Steiner P, Ptakova N, Martinek P, Hadravsky L, Michalova K, Szep Z, Michal M. EWSR1-SMAD3-rearranged Fibroblastic Tumor: An Emerging Entity in an Increasingly More Complex Group of Fibroblastic/ Myofibroblastic Neoplasms. **Am J Surg Pathol** 2018; 42(10):1325-1333 (Epub Jun 27).

Baur V, Papadopoulos T, Kazakov DV, **Agaimy A**, Hartmann A, Isbary G, Wirtz RM, Schultz ES. A case of multiple familial trichoepitheliomas responding to treatment with the Hedgehog signalling pathway inhibitor vismodegib. **Virchows Arch** 2018; 473:241-246 (Epub Jun 22).

Velz J, **Agaimy A**, Frontzek K, Bozinov O, Neidert MC, Wagner U, Fritz C, Hofer S, Bode-Lesniewska B, Rushing E. Molecular and Clinicopathological Heterogeneity of Intracranial Myxoid Tumors in the Spectrum of Extraskeletal Myxoid Chondrosarcoma. **J Neuropathol Exp Neurol** 2018; 77(8):727-735 (Epub Jun18).

Neuhaus L, Probst A, Messmann H, Siebert L, Vlasenko D, **Agaimy A**, Ting S. Invagination as manifestation of a perivascular epithelioid cell neoplasm (PEComa) of the colon. **Am J Gastroenterol** 2018; 113(8):1115 (Epub Jun 19).

Eckstein M, **Agaimy A**, Woenckhaus J, Winter A, Bittmann I, Janzen J, Bertz S, Haller F, Hartmann A. DICER1 Mutation-positive Giant Botryoid Fibroepithelial Polyp of the Urinary Bladder Mimicking Embryonal Rhabdomyosarcoma. **Hum Pathol** 2019; 84:1-7 (Epub Jun 5).

Erlenbach-Wünsch K, Bihl M, Tornillo L, Hartmann A, Groisman GM, Vieth M, **Agaimy A**. Serrated Epithelial Colorectal Polyps (Hyperplastic Polyps, Sessile Serrated Adenomas) with Perineurial Stroma: Clinicopathological and Molecular Analysis of a New Series. **Ann Diagn Pathol** 2018; 35:48-52 (Epub May 4).

Agaimy A, Mueller SK, Bumm K, Iro H, Moskalev EA, Hartmann A, Stoehr R, Haller F. Intraductal Papillary Mucinous Neoplasms of Minor Salivary Glands with *AKT1* p.Glu17Lys Mutation. **Am J Surg Pathol** 2018; 42:1076-1082 (Epub May 5).

Delbridge C, Türk M, **Agaimy A**, Winterholler M, Schröder R. Perivascular hemosiderin deposits in human skeletal muscle tissue. **Neuromusc Dis** 2018; 28(6):538-539 (Epub Apr 16).

Mantsopoulos K, Goncalves M, Koch M, Iro H, **Agaimy A**. Submandibular gland pleomorphic adenoma: Histopathological capsular characteristics and correlation with the surgical outcome. **Ann Diagn Pathol** 2018; 34:166-169.

Agaimy A, Amin MB, Gill AJ, Popp B, Reis A, Berney DM, Magi-Galluzzi C, Sibony M, Smith SC, Suster S, Trpkov K, Hes O, Hartmann A. SWI/SNF Protein Expression Status in Fumarate Hydratase-deficient Renal Cell Carcinoma: Immunohistochemical Analysis of 32 Tumors From 28 Patients. **Hum Pathol** 2018; 77:139-146 (Epub Apr 21).

Dieterich W, Schuppan D, Schink M, Schwappacher R, Wirtz S, **Agaimy A**, Neurath MF, Zopf Y. Influence of low FODMAP and gluten-free diets on disease activity and the intestinal microbiota in patients with non-celiac gluten sensitivity. **Clin Nutr** 2018; 38:697-707 (Epub Apr 4).

Agaimy A, Fonseca I, Martins C, Thway K, Barrette R, Harrington KJ, Hartmann A, French CA, Fisher C. NUT Carcinoma of the Salivary Glands. Clinicopathologic and Molecular Analysis of Three Cases and a Survey of NUT Expression in Salivary Gland Carcinomas. **Am J Surg Pathol** 2018; 42:877-884 (Epub Apr 11).

Erber R, **Agaimy A**. Misses and near-misses in diagnosing nodular fasciitis and morphologically related reactive myofibroblastic proliferations: Experience of a referral center with emphasis on frequency of *USP6* gene rearrangements. **Virchows Arch** 2018; 473(3):351-360 (Epub Apr 5).

Baneckova M, **Agaimy A**, Andreasen S, Vanecek T, Steiner P, Slouka D, Svoboda T, Michal M Jr., Skalova A. Mammary Analogue Secretory Carcinoma of the Nasal Cavity: Characterization of two Cases and Their Distinction From Other Low grade Sinonasal Adenocarcinomas. **Am J Surg Pathol** 2018; 42:735-743.

Agaimy A, Mueller SK, Harrer T, Bauer S, Thompson LDR. Head and neck Kaposi sarcoma: Clinicopathological Analysis of 11 Cases. **Head Neck Pathol** 2018; 12:511-516 (Epub Mar 5).

Schaeffeler E, Büttner F, Reustle A, Klumpp V, Winter S, Rausch S, Fisel P, Hennenlotter J, Kruck S, Stenzl A, Wahrheit J, Sonntag D, Scharpf M, Fend F, **Agaimy A**, Hartmann A, Bedke J, Schwab M. Metabolic and lipidomic

reprogramming in renal cell carcinoma subtypes reflects regions of tumor origin. **Eur Urol Focus** 2019; 5(4):608-618 (Epub Feb 13).

Pircher C, Schneeberger S, Boesmueller C, **Agaimy A**, Zoller H, Bale R, Henninger B, Mayer G, Neuwirt H. A rare case of Epstein-Barr virus-associated hepatosplenic smooth muscle tumors after kidney transplantation. **Transpl Infect Dis** 2018; 20(3):e12860 (Epub Feb 10).

Agaimy A, Wick MR. Pathologists-- the Watchpersons for Hereditary Tumor Syndromes. **Semin Diagn Pathol** 2018; 35(3):153 (Epub Jan 31).

Agaimy A, Foulkes WD. Hereditary SWI/SNF Complex Deficiency Syndromes. **Semin Diagn Pathol** 2018; 35(3):193-198 (Epub Jan 31).

Agaimy A, Haller F, Hartmann A. [Sinonasal tumors: News from the WHO with special reference to mesenchymal entities]. **Pathologe** 2018; 39:18-26. [article in German, invited review]. (Epub Feb 1).

Agaimy A, Hartmann A. Uncovering Hereditary Tumor Syndromes: Emerging Role of Surgical Pathology. **Semin Diagn Pathol** 2018; 35(3):154-160 (Epub Jan 29).

Agaimy A, MD, Moskalev EA, Weisser W, Bach T, Haller F, Hartmann A. Low-grade Endometrioid Stromal Sarcoma of the Paratestis: A Novel Report with Molecular Confirmation of JAZF1/SUZ12 Translocation. **Am J Surg Pathol** 2018; 42:695-700. (Epub Feb 1).

Agaimy A, Hartmann A. [Head and neck neoplasms: news from the WHO classification 2017]. **Pathologe** 2018; 39:1-2 [article in German, invited review]. (Epub Jan 31).

Agaimy A, Weichert W, Haller F, Hartmann A. [Diagnostic and predictive molecular pathology of head and neck neoplasms]. **Pathologe** 2018; 39:42-47 [article in German, invited review] (Epub Jan 30).

Agaimy A, Duell T, Morresi-Hauf AT. EWSR1-Fusion Negative, SMARCB1-deficient Primary Pulmonary Myxoid Sarcoma. **Pol J Pathol** 2017; 68: 261-267.

Weber M, Wehrhan F, Baran C, **Agaimy A**, Büttner-Herold M, Preidl R, Neukam FW, Ries J. PD-L1 expression in tumor tissue and peripheral blood of patients with oral squamous cell carcinoma. **Oncotarget** 2017; 8(68):112584-112597.

Schliep S, **Agaimy A**, Cavallaro A, Kiesewetter F, Schuler G, Heinzerling L. Concealed complete response in melanoma patients under therapy with immune checkpoint inhibitors: two case reports. **J Immunother Cancer** 2018; 6(1):2.

Siegler L, Erber R, Burghaus S, Brodkorb T, Wachter DL, Wilkinson N, Bolton J, Stringfellow H, Haller F, Beckmann MW, Hartmann A, **Agaimy A**. Fumarate hydratase (FH) deficiency in uterine leiomyomas: Recognition by histological features versus blind immunoscreening. **Virchows Arch** 2018; 472(5):789-796 (Epub Jan 13).

Johann PD, Bens S, Oyen F, Wagener R, Giannini C, Perry A, Raisanen JM, Reis GF, Nobusawa S, Arita K, Felsberg J, Reifenberger G, **Agaimy A**, Buslei R, Capper D, Pfister SM, Schneppenheim R, Siebert R, Frühwald MC, Paulus W, Kool M, Hasselblatt M. Sellar region atypical teratoid/rhabdoid tumors (ATRT) in adults display DNA Methylation profiles of the ATRT-MYC subgroup. **Am J Surg Pathol** 2018; 42:506-511 (Epub Jan 10).

Konukiewitz B, **Agaimy A**, Weichert W, Klöppel G. [Neuroendocrine neoplasms of the head and neck]. **Pathologe** 2018; 39:27-34 (Epub Jan 8) [invited review].

Kenji Yorita K, Tanaka Y, Hirano K, Kuwahara M, Nakatani K, Fukunaga M, **Agaimy A**. Multilocular cystic leiomyoma of the anterolateral abdominal wall: a case report and literature review. **Medicine (Baltimore)** 2017; 96:e8971.

Ohe C, Sirohi D, Smith SC, Divatia M, de Peralta-Venturina M, Paner GP, **Agaimy A**, Amin MB, Argani P, Chen YB, Cheng L, Colecchia M, Compérat E, Werneck da Cunha I, Epstein JI, Gill AJ, Hes O, Hirsch M, Jochum W, Kunju LP, Maclean F, Magi-Galluzzi C, McKenney JK, Mehra R, Nesi G, Osunkoya AO, Picken M, Rao P, Reuter VE, de Oliveira Salles PG, Schultz L, Tickoo SK, Tomlins SA, Trpkov K, Amin MB. Reappraisal of Morphological Differences Between Subsets of High Grade Renal Cell Carcinomas: Renal Medullary Carcinoma, Collecting Duct Carcinoma, and FH-Deficient Renal Cell Carcinoma. **Am J Surg Pathol** 2018; 42:279-292 (Epub Jan 5).

Agaimy A, Michal M, Hadravsky L, Michal M. Dedifferentiated Liposarcoma Composed Predominantly of Rhabdoid/ Epithelioid Cells: A Frequently Misdiagnosed Highly Aggressive Variant. **Hum Pathol** 2018; 77:20-27 (Epub Jan 4).

Pichler R, Heidegger I, Schachtner G, Stuehmeier J, **Agaimy A**, Maier H, Glodny B, Rehder P. Renal Rupture – not what it seems. **Case Rep Urol** 2017; 16:132-134.

Agaimy A, Semrau S, Koch M, Thompson LDR. Sinonasal Leiomyosarcoma: Clinicopathological Analysis of Nine Cases with Emphasis on Common Association with Other Malignancies and Late Distant Metastasis. **Head Neck Pathol** 2018; 12:463-470 (Epub Dec 21).

Weichert W, Ihrler S, Boxberg M, **Agaimy A**, Mollenhauer M, Hartmann A. [Morphology of non-cutaneous head and neck squamous cell carcinoma]. **Pathologe** 2018; 39: 3-10 [article in German, invited review] (Epub Dec 5).

Agaimy A, Strobel D, Strecker T. SMARCA4-deficient carcinoma of unknown primary presenting with fatal paraneoplastic hypercalcemia in a heart transplant recipient: First report in a male patient. **Case Rep Pathol** 2017; 2017:9403467 (Epub Oct 11).

Agaimy A. In reply: Colonic-type adenocarcinoma of the tongue and oral cavity (CATOC). **Head Neck Pathol** 2018; 12(2):296-297 (Epub Nov 14).

El Hallani S, Udager AM, Bell D, Fonseca I, Thompson LDR, Assaad A, **Agaimy A**, Luvison AM, Miller C, Seethala RR, Chiosea S. Epithelial-Myoepithelial Carcinoma: Frequent Morphologic and Molecular Evidence of Pre-existing Pleomorphic Adenoma, Common HRAS mutations in PLAG1- and HMGA2-intact Cases, and Occasional TP53, FBXW7, and SMARCB1 Alterations in High Grade Cases. **Am J Surg Pathol** 2018; 42(1):18-27 (Epub Nov 9).

Trpkov K, Athanazio D, Magi-Galluzzi C, Yilmaz H, Clouston D, **Agaimy A**, Williamson SR, Brimo F, Lopez JI, Ulamec M, Rioux-Leclercq N, Kassem M, Gupta N, Hartmann A, Leroy X, Al Bashir S, Yilmaz A, Hes O. Biphasic Papillary Renal Cell Carcinoma Is a Rare Morphologic Variant with Frequent Multifocality: A Study of 28 Cases. **Histopathology** 2018; 72(5):777-785 (Epub Nov 8).

Götz C, Bissinger O, Kolk A, Bier HA, **Agaimy A**, Frenzel H, Perner S, Ribbat-Idel S, Wolff KD, Weichert W, Mogler C. Mammary analogue secretory carcinoma of salivary glands: diagnostic pitfall with distinct immunohistochemical profile and molecular features. **Rare Tumors** 2017; 9(3):7162.

Tajmir-Riahi A, Bergmann T, Schmid M, **Agaimy A**, Schuler G, Heinzerling L. Brief communication: Live-threatening autoimmune cardiomyopathy reproducibly

induced by Checkpoint inhibitor therapy. **J Immunother** 2018; 41(1):35-38 (Epub Oct 26).

Goncalves M, Iro H, Dittberner A, Döllinger M, **Agaimy A**, Bohr C. Value of confocal laser endomicroscopy in the diagnosis of vocal cord lesions. **Eur Rev Med Pharmacol Sci** 2017; 21:3990-3997.

Thompson LDR, Jo VY, **Agaimy A**, Llombart-Bosch A, Nieto Morales G, Machado I, Fluke U, Wakely P, Miettinen M, Bishop JA. Sinonasal Tract Alveolar Rhabdomyosarcoma in Adults: A Clinicopathologic and Immunophenotypic Study of Fifty-two Cases with Emphasis on Epithelial Immunoreactivity. **Head Neck Pathol** 2018; 12(2):181-192 (Epub Sep 5).

Haderlein M, Scherl C, Semrau S, Lettmaier S, Hecht M, Erber R, Iro H, Fietkau R, **Agaimy A**. Impact of postoperative radiotherapy and Her2/new overexpression in salivary duct carcinoma: A monocentric clinicopathologic analysis. **Strahlenther Onkol** 2017; 193:961-970 (Epub Aug 21).

Agaimy A. Anisometric cell lipoma: Insight from a case series and review of the literature on adipocytic neoplasms in survivors of retinoblastoma suggest a role for RB1 loss and possible relationship to fat-predominant ("fat-only") spindle cell lipoma. **Ann Diagn Pathol** 2017; 29:52-56.

Hes O, Alaghehbandan R, Stehlik J, Trpkov K, Magi-Galuzzi C, Pane Foix M, Berney D, Condom Mundo E, Sibony M, Suster S, **Agaimy A**, Perez Montiel D, Pivovarcikova K, Michalova K, Daum O, Ondic O, Rotterova P, Dusek M, Hora M, Michal M. Programmed Death-1 (PD-1) Receptor/PD-1 Ligand (PD-L1) Expression in Fumarate Hydratase-Deficient Renal Cell Carcinoma. **Ann Diagn Pathol**, 2017; 29:17-22.

Riener MO, Hoegel J, Iro H, Hartmann A, **Agaimy A**. IMP3 and p16 expression in squamous cell carcinoma of the head and neck: A comparative immunohistochemical analysis. **Oncol Lett** 2017; 14:1665-1670 (Epub Jun 8).

Agaimy A. Colonic-type adenocarcinoma of the tongue and oral cavity (CATOC). **Head Neck Pathol** 2018; 12(2):291-293 (Epub 2017 Aug 4).

Bure I, Braun A, Kayser C, Geddert H, Schaefer IM, Cameron S, Ghadimi MB, Strobel P, Werner M, Hartmann A, Wiemann S, **Agaimy A**, Haller F, Moskalev EA. The expression of hematopoietic progenitor cell antigen CD34 is regulated by DNA methylation in a site-dependent manner in gastrointestinal stromal tumours (GISTs). **Int J Cancer** 2017; 141:2296-2304 (Epub Jul 26).

Michalova K, Michal M, Kazakov DV, Sedivcova M, Hes O, Hadravsky L, **Agaimy A**, Tretiakova M, Bacchi C, Hartmann A, Kuroda N, Bulimbasic S, Coric M, Antic T, Michal M. Primary Signet Ring Stromal Tumor of the Testis: A study of 15 Cases Indicating Their Phenotypic and Genotypic Analogy to Pancreatic Solid Pseudopapillary Neoplasm. **Hum Pathol** 2017; 67:85-93 (Epub Jul 21).

Merkel S, Weber K, Göhl J, **Agaimy A**, Fietkau R, Hohenberger W, Grützmann R, Hermanek P. Survival analysis in rectal carcinoma after neoadjuvant chemoradiation: various methods with different results. **Int J Colorectal Dis** 2017; 32:1295-1301 (Epub Jul 12).

Andreasen S, Skálová A, MD, **Agaimy A**, Bishop JA, Laco J, Leivo I, Franchi A, Larsen SR, Erentaite D, Ulhøi BP, von Buchwald C, Melchior LC, Michal M, Kiss K. ETV6 Gene Rearrangements Characterize a Morphologically Distinct Subset of Sinonasal Low-grade Non-intestinal-type Adenocarcinoma. A Novel Translocation-associated Carcinoma Restricted to the Sinonasal Tract. **Am J Surg Pathol** 2017; 41:1552-1560 (Epub Jul 17).

Tsagoudis K, Magiera-Lappann I, Haverkamp T, Drebber U, **Agaimy A**, Tantcheva-Poór I. Hereditary leiomyomatosis and renal cell cancer syndrome: A novel mutation in the FH gene. **J Dermatol** 2018; 45(3):373-375. (Epub 2017 Jul 11).

Mantsopoulos K, Müller S, **Agaimy A**, Koch M, Goncalves M, Wüst W, Bohr C, Iro H. Extracapsular dissection in the parapharyngeal space: surgical benefits and potential pitfalls. **Br J Oral Maxillofac Surg** 2017; 55(7):709-713. (Epub Jun 16).

Agaimy A, Michal M, Chiosea S, Petersson F, Hadravsky L, Kristiansen G, Horch RE, Schmolders J, Hartmann A, Haller F, Michal M. Phosphaturic Mesenchymal Tumors: Clinicopathological, Immunohistochemical and Molecular Analysis of 22 Cases Expanding their Morphological and Immunophenotypic Spectrum. **Am J Surg Pathol** 2017; 41(10):1371-1380. (Epub Jun 13).

Agaimy A, Iro H, Zenk J. [Pediatric salivary gland tumors and tumor-like lesions]. **Pathologe** 2017; 38:294-302 (Epub 2017 Jun 9) [article in German, invited review].

Eckstein M, Rasper B, Busche J, Stachetzki U, Wistuba DE, **Agaimy A**, Hartmann A, Bertz S. Primary mixed adeno-neuroendocrine carcinoma (MANEC) of the urinary bladder – a rare entity. **Aktuelle Urol** 2017; 48(4):350-355 (Epub May 31).

Agaimy A, Fuchs F, Moskalev EA, Sirbu H, Hartmann A, Haller F. SMARCA4-deficient Pulmonary Adenocarcinoma. Clinicopathological, Immunohistochemical and Molecular Characteristics of a Novel Aggressive Neoplasm with a Consistent TTF1^{neg}/CK7^{pos}/HepPar-1^{pos} Immunophenotype. **Virchows Arch** 2017; 471:599-609. (Epub May 30).

Agarwal J, Kadakia S, **Agaimy A**, Ogadzanov O, Khorsandi A, Chai RL. Pleomorphic Liposarcoma of the Head and Neck: Presentation of Two Cases and Literature Review. **Am J Otolaryngol** 2017;38(4):505-507 (Epub Apr 22).

Agaimy A. [Soft tissue tumors in hereditary tumor syndromes]. **Pathologe** 2017; 38:170-178 (Epub May 4). [article in German, invited review].

Geddert H, Braun A, Kayser C, Dimmler A, Faller G, **Agaimy A**, Haller F, Moskalev EA, Epigenetic regulation of CD133 in gastrointestinal stromal tumors. **Am J Clin Pathol** 2017; 147(5):515-524.

Ihrler S, Guntinas-Lichius O, **Agaimy A**, Wolf A, Mollenhauer M. Histological, immunohistological, and molecular characteristics of intraductal precursors of carcinoma ex pleomorphic adenoma support a multistep carcinogenic process. **Virchows Arch** 2017; 470(6):601-609 (Epub Mar 28).

Jessberger J, Erlenbach-Wünsch K, Posselt R, Haderlein M, **Agaimy A**, Fietkau R, Hartmann A, Distel L. Combination of growth pattern and tumor regression identifies a high risk group in neoadjuvant treated rectal cancer patients. **J Dig Dis** 2017; 18(5):283-291. (Epub Mar 25).

Michal M, Kazakov DV, **Agaimy A**, Hosova M, Michalova K, Grossmann P, Steiner P, Skenderi F, Vranic S, Michal M. Whorling Cellular Perineurioma: A previously undescribed variant closely mimicking monophasic fibrous synovial sarcoma. **Ann Diagn Pathol** 2017; 27:74-78 (Epub Feb 2).

Agaimy A, Hartmann A, Antonescu CR, Chiosea SI, El-Mofty SK, Geddert H, Iro H, Lewis Jr. JS, Märkl B, Mills SE, Riener MO, Robertson T, Sandison A, Semrau S, Simpson RHW, Westra WH, Bishop JA. SMARCB1 (INI-1)-deficient Sinonasal Carcinoma: A Series of 39 Cases Expanding the Morphological and Clinicopathological Spectrum of a Recently Described Entity. **Am J Surg Pathol** 2017; 41(4):458-471.

Genovese G, Carugo A, Tepper J, Robinson FS, Li L, Svelto M, Nezi L, Corti D, Minelli R, Pettazzoni P, Gutschner T, Wu C, Seth S, Akdemir KC, Leo E, Amin S, Molin MD, Ying H, Kwong M, Colla S, Takahashi K, Ghosh P, Giuliani V, Muller F,

Dey P, Jiang S, Garvey J, Liu C, Zhang J, Heffernan T, Toniatti C, Fleming J, Goggins M, Wood L, Sgambato A, **Agaimy A**, Maitra A, Roberts CW, Wang H, Viale A, Draetta G, Chin L. Synthetic vulnerabilities in mesenchymal sub-populations of pancreatic cancer. **Nature** **2017**; 542(7641):362-366 (Epub 2017 Feb 8).

Agaimy A, Weichert W. SMARCA4-deficient Sinonasal Carcinoma. **Head Neck Pathol** **2017**; 11(4):541-545 (Epub Feb 7).

Schaefer IM, **Agaimy A**, Fletcher CD, Hornick JL. Claudin-4 Expression Distinguishes SWI/SNF Complex-deficient Undifferentiated Carcinomas from Sarcomas. **Mod Pathol** **2017**; 30(4):539-548 (Epub 2017 Jan 13).

Strecker T, Einhaus F, Weyand M, **Agaimy A**. Lipomatous hypertrophy of the atrial septum in a patient undergoing coronary artery bypass surgery. **Case Rep Pathol** **2016**; 2016:2080875.

Konukiewitz B, Schlitter AM, Jesinghaus M, Pfister D, Steiger K, Segler A, **Agaimy A**, Sipos B, Zamboni G, Weichert W, Esposito I, Pfarr N, Klöppel G. Somatostatin receptor expression related to *TP53* and *Rb1* alterations in pancreatic and extrapancreatic neuroendocrine neoplasms with a Ki67-index above 20%. **Mod Pathol** **2017**; 30(4):587-598 (Epub 2017 Jan 6).

Muller SK, Iro H, Lell M, Seifert F, Bohr C, Scherl C, **Agaimy A**, Traxdorf M. Microcystic adnexal carcinoma (MAC)-like squamous cell carcinoma as a differential diagnosis to Bell's palsy - a case presentation and review of the literature. **J Otolaryngol Head Neck Surg** **2017**; 46(1):1.

Herpel E, Rieker RJ, Dienemann H, Muley T, Meister M, Hartmann A, Warth A, **Agaimy A**. SMARCA4 and SMARCA2 Deficiency in Non-small Cell Lung Cancer: Immunohistochemical Survey of 316 Consecutive Specimens. **Ann Diagn Pathol** **2017**; 26:47-51 (Epub 2016 Oct 20).

Merten L, **Agaimy A**, Moskalev EA, Giedl J, Kayser C, Geddert H, Schaefer IM, Cameron S, Werner, Ströbel P, Hartmann A, Haller F. Inactivating mutations of retinoblastoma 1 (RB1) and tumor protein p53 (TP53) correlate with sarcomatous histomorphology and metastasis/recurrence in gastrointestinal stromal tumors (GIST). **Am J Clin Pathol** **2016**; 146:718-726 (Epub 2016 Dec 27).

Agaimy A, Cheng L, Egevad L, Hes O, Keck B, Pizzolitto S, Sioletic S, Wullich B, Hartmann A. Rhabdoid and Dedifferentiated Phenotype in renal Cell Carcinoma: Analysis of 32 Cases Indicating a Distinctive Common Pathway of

Dedifferentiation Frequently Associated with SWI/SNF Complex Deficiency. **Am J Surg Pathol** 2017; 41:253-62 (Epub Dec 14, 2016).

Agaimy A, Michal M, Giedl J, Hadravsky L, Michal M. Superficial Acral Fibromyxoma: Clinicopathologic, Immunohistochemical and Molecular Study of 11 Cases Highlighting Frequent Rb1 Loss/Deletions. **Hum Pathol** 2017; 60:192-198 (Epub 2016 Nov 4).

Mills AM, Policarpio-Nicholas M, **Agaimy A**, Wick MR, Mills SE. Sclerosing microcystic adenocarcinoma of the head and neck mucosa: A neoplasm closely resembling microcystic adnexal carcinoma. **Head Neck Pathol** 2016; 10(4):501-508 (Epub May 27).

Agaimy A, Bieg M, Michal M, Geddert H, Märkl B, Seitz J, Moskalev EA, Schlesner M, Metzler M, Hartmann A, Wiemann S, Michal M, Mentzel T, Haller F. Recurrent Somatic PDGFRB Mutations in Sporadic Infantile/Solitary Adult Myofibromas but not in Angioleiomyomas and Myopericytomas. **Am J Surg Pathol** 2017; 41:195-203 (Epub 2016 Oct 21).

Smith SC, Trpkov K, Chen YB, Mehra R, Sirohi D, Ohe C, Cani AK, Hovelson DH, Omata K, McHugh JB, Jochum W, Colecchia M, Amin M, Divatia M, Hes O, Menon S, Werneck da Cunha I, Tripodi S, Brimo F, Gill AJ, Osunkoya AO, Magi-Galluzzi C, Sibony M, Williamson SR, Nesi G, Picken MM, **Agaimy A**, Cheng L, Epstein JI, Reuter VE, Tickoo SK, Tomlins SA, Amin MB. Tubulocystic Carcinoma of the Kidney with Poorly Differentiated Foci: A Frequent Morphologic Pattern of Fumarate Hydratase-Deficient Renal Cell Carcinoma. **Am J Surg Pathol** 2016; 40(11):1457-1472 (Epub Sep 15).

Michal M, Kazakov DV, Dundr P, Peckova K, **Agaimy A**, Kutzner H, Havlicek F, Daum O, Dubova M, Michal M. Histiocytosis with Raisinoid Nuclei: A Unifying Concept for Lesions Reported under Different Names as Nodular Mesothelial/histiocytic Hyperplasia, Mesothelial/monocytic Incidental Cardiac Excrescences, Intralymphatic Histiocytosis and Others. A Report of 50 Cases. **Am J Surg Pathol** 2016; 40(11):1507-1516 (Epub Jun 23).

Dieter SM, Heining C, **Agaimy A**, Huebschmann D, Bonekamp D, Hutter B, Ehrenberg KR, Fröhlich M, Schlesner M, Scholl C, Schlemmer HP, Wolf S, Mavratzas A, Jung CS, Gröschel S, Kalle CV, Eils R, Brors B, Penzel R, Kriegsmann M, Reuss DE, Schirmacher P, Stenzinger A, Federspil PA, Weichert W, Glimm H, Fröhling S. Mutant KIT as Imatinib-Sensitive Target in Metastatic Sinonasal Carcinoma. **Ann Oncol** 2017; 28(1):142-148 (Epub 2016 Sep 29).

Kuroda N, Ohe C, Deepika S, Yorita K, Mikami S, Furuya M, Nagashima Y, Hes O, **Agaimy A**, Michal M, Amin MB. Review of renal anastomosing hemangioma with focus on clinical and pathological aspects. **Pol J Pathol** **2016**; 67(2):97-101.

Agaimy A. Poorly differentiated sinonasal tract malignancies: A review focusing on recently described entities. **Cesk Patol (invited review)**, **2016**; 52(3):146-153.

Rieker RJ, Marx A, **Agaimy A**, Ströbel P. Mesenchymal tumors of the mediastinum. **Pathologe** **2016**; 37(5):449-56 [article in German, invited review] (Epub Aug 3).

Lankes K, Hundorfean G, Harrer T, Pommer A, **Agaimy A**, Angelovska I, Tajmir-Riahi A, Göhl J, Schuler G, Neurath M, Hohenberger W, Heinzerling L. Anti TNF-refractory colitis after checkpoint inhibitor therapy: possible role of CMV-mediated immunopathogenesis. **Oncoimmunology**, **2016**; 5(6):e1128611.

Winter S, Fisel P, Büttner F, Rausch S, D'Amico D, Hennenlotter J, Kruck S, Nies AT, Stenzl A, Junker K, Scharpf M, Hofmann U, van der Kuip H, Fend F, Ott G, **Agaimy A**, Hartmann A, Bedke J, Schwab M, Schaeffeler E. Methylomes of renal cell lines and tumors or metastases differ significantly with impact on pharmacogenes. **Sci Rep** **2016**; 6:29930 (Epub Jul 20).

Agaimy A, Michal M, Hadravsky L, Michal M. Follicular Dendritic Cell Sarcoma: Clinicopathological Study of 15 Cases with Emphasis on Novel Expression of MDM2, Somatostatin Receptor 2A and PD-L1. **Ann Diagn Pathol** **2016**; 23:21-8 (Epub May 14).

Agaimy A, Weichert W. [Grading of head and neck neoplasms]. **Pathologe** **2016**; 37(4):285-92 (Epub Jun 24) [article in German, invited review].

Agaimy A, Bertz S, Cheng L, Hes O, Junker K, Keck B, Lopez-Beltran A, Stöckle M, Wullich B, Hartmann A. Loss of Expression of SWI/SNF Complex is a Frequent Event in Undifferentiated/Dedifferentiated Urothelial Carcinoma of the Urinary Tract. A Clinicopathologic and Immunohistochemical Study. **Virchows Arch** **2016**; 469(3):321-30 (Epub Jun 23).

Krumbholz M, Hellberg J, Steif B, Bäuerle T, Gillmann C, Fritscher T, **Agaimy A**, Frey B, Juengert J, Wardelmann E, Hartmann W, Juergens H, Dirksen U, Metzler M. Genomic *EWSR1* fusion sequence as highly sensitive and dynamic plasma tumor marker in Ewing sarcoma. **Clin Cancer Res** **2016**; 22:4356-65 (Epub Jun 9).

Merkel S, Weber K, Matzel K, **Agaimy A**, Göhl J, Hohenberger W. Prognosis of colonic carcinoma before, during and after implementation of complete mesocolic excision. **Br J Surg** 2016; 103(9):1220-9 (Epub May 25).

Giedl J, Büttner-Herold M, Wach S, Wullich B, Hartmann, **Agaimy A**. Hepatocyte Differentiation Markers in Adenocarcinoma of the Prostate: HepPar-1 but not Arginase-1 is specifically expressed in a Subset of Prostatic Adenocarcinoma. **Hum Pathol** 2016; 55:101-7 (Epub May 13).

Machado I, Navarro L, Pellin A, Navarro S, **Agaimy A**, Tardío JC, Karseladze A, Petrov S, Scotlandi K, Picci P, Llombart-Bosch A. Defining Ewing and Ewing-like small round cell tumors (SRCT): the need for molecular techniques in their categorization and differential diagnosis: A study of 200 cases. **Ann Diagn Pathol** 2016; 22:25-32 (Epub Mar 14).

Merkel S, Weber K, Croner RS, Golcher H, Göhl J, **Agaimy A**, Semrau S, Siebler J, Wein A, Hohenberger W, Wittekind C. Distant Metastases in Colorectal Carcinoma: A Proposal for a New M1 Subclassification. **Eur J Surg Oncol** 2016; 42(9):1337-42 (Epub Apr 19).

Müller S, Mantsopoulos K, Iro H, **Agaimy A**. Salivary duct carcinoma of the sinonasal cavity: a case report and review of the literature. **Head Neck** 2016; 38(8):E2464-6 (Epub Apr 15).

Agaimy A, Ben-Izhak O, Lorey T, Scharpf M, Rubin BP. Angiosarcoma Arising in Association with Vascular Dacron Grafts and Orthopedic Joint Prostheses: Clinicopathologic, Immunohistochemical and Molecular Study. **Ann Diagn Pathol** 2016; 21:21-28 (Epub Jan 11).

Agaimy A, Mentzel T. In reply to: [NRASQ61R and BRAFV600E mutation-specific immunohistochemistry is a helpful tool to diagnose metastatic undifferentiated/dedifferentiated melanomas]. **Am J Surg Pathol** 2016; 40:1006 (Epub Mar 31).

Hes O, Mundo EC, Peckova K, Lopez J, Martinek P, Vanecek T, Falconieri G, **Agaimy A**, Davidson W, Petersson F, Bulimbasic S, Damjanov I, Jimeno M, Podhola M, Sperga M, Foix MP, Sokoleva I, Kalusova K, Hora M, Rotterova P, Daum O, Pivovarcikova K, Michal M. Biphasic squamoid alveolar renal cell carcinoma: A distinctive subtype of papillary renal cell carcinoma? **Am J Surg Pathol** 2016; 40(5):664-75 (Epub Mar 18).

Agaimy A. [Succinate dehydrogenase (SDH)-deficient renal cell carcinoma]. **Pathologe**, 2016; 37(2):144-52 (Epub Mar 15). [article in German, invited review].

Agaimy A. Hartmann A. [Hereditary renal tumors: more common than expected?]. **Pathologe** 2016; 37(2):134-43 (Epub Mar 15) [article in German, invited review].

Vassos N, Raptis D, Lell M, Klein P, Perrakis A, Croner RS, Hohenberger W, **Agaimy A.** Intra-abdominal hyaline-vascular Castleman disease: imaging characterization and management of a rare condition. **Arch Med Sci** 2016; 12:227-232 (Epub 2016 Feb 2).

Trpkov K, Hes O, **Agaimy A.** Bonert M, Martinek P, Magi-Galluzzi C, Kristiansen G, Lüders C, Nesi G, Comperat E, Sibony M, Berney DM, Mehra R, Brimo F, Hartmann A, Husain A, Frizzell N, Hills K, Maclean F, Srinivasan B, Gill AJ. Fumarate Hydratase-deficient Renal Cell Carcinoma is Strongly Correlated with *Fumarate Hydratase* Mutation and Hereditary Leiomyomatosis and Renal Cell Carcinoma Syndrome. **Am J Surg Pathol** 2016; 40(7):865-75 (Epub Feb 19).

Zundler S, Erber R, **Agaimy A.** Hartmann A, Kiesewetter F, Strobel D, Neurath MF, Wildner D. Pancreatic panniculitis in a patient with pancreatic-type acinar cell carcinoma of the liver: Case report and review of literature. **BMC Cancer** 2016; 16(1):130.

Erben PB, Brunner K, Hecht M, Haderlein M, Büttner-Herold M, **Agaimy A.** Fietkau R, Hartmann A, Distel LV. Low cytoplasmic and nuclear KPNA2 expression in radiotherapy treated head and neck squamous cell cancer is associated with an adverse outcome. **Int J Clin Exp Pathol** 2015; 8(12):15814-24.

Haller F, Knopf J, Ackermann A, Bieg M, Kleinheinz K, Schlesner M, Moskalev EA, Will R, Abdel Satir A, Abdelmagid IE, Giedl J, Carbon R, Rompel O, Hartmann A, Wiemann S, Metzler M, **Agaimy A.** Paediatric and adult soft tissue sarcomas with *NTRK1* gene fusions: A subset of spindle cell sarcomas unified by prominent myopericytic/haemangiopericytic pattern. **J Pathol** 2016; 238:700-10 (Epub Feb 11).

Haderlein M, Scherl C, Semrau S, Lettmaier S, Uter W, Neukam FW, Iro H, **Agaimy A.** Fietkau R. High-grade histology as predictor of early distant metastases and decreased disease-free-survival in salivary gland cancer irrespective of tumor subtype. **Head Neck**, 2016; 38 Suppl 1:E2041-8 (Epub Feb 3).

Nkenke E, **Agaimy A**, Vairaktaris E, Lell M, von Wilmowsky C, Eitner S. Case History Report: Immediate Rehabilitation with a Prefabricated Fibula Flap Following Removal of a Locally Aggressive Maxillary Tumor. **Int J Prosthodont** **2016**; 29(1): 53-58.

Agaimy A, Hartmann A. [Mesenchymal tumours of the urinary bladder]. **Pathologe**, **2016**; 37(1):61-70 (Epub Jan 8) [article in German, invited review].

Stubbe F, **Agaimy A**, Ott O, Lettmaier S, Vassos N, Croner R, Hohenberger W, Fietkau R, Semrau S. Effective local control of advanced soft tissue sarcoma with neoadjuvant chemoradiotherapy and surgery – A single institutional experience. **Cancer Radiother** **2016**; 20(1):6-13 (Epub 2015 Dec 11).

Jackson CC, Best L, Lorenzo L, Casanova JL, Wacker J, Bertz S, **Agaimy A**, Harrer T. A multiplex kindred with Hennekam Syndrome due to homozygosity for a CCBE1 mutation that does not prevent protein expression. **J Clin Immunol** **2016**; 36(1):19-27 (Epub 2015 Dec 19).

Ach T, Schwarz-Furlan S, Ach S, **Agaimy A**, Gerken M, Rohrmeier C, Zenk J, Iro H, Brockhoff G, Attl T. Genomic aberrations of MDM, MD, FGFR1 and FGFR3 are associated with poor outcome in patients with salivary gland cancer. **J Oral Pathol Med** **2016**; 45(7):500-9 (Epub 2015 Dec 14).

Agaimy A, Haller F. *CTNNB1* (β -catenin)-altered Neoplasia: A Review Focusing on Soft Tissue Neoplasms and Parenchymal Lesions of Uncertain Histogenesis. **Adv Anat Pathol** **2016**; 23(1):1-12.

Wachter DL, Burghaus S, Beckmann MW, **Agaimy A**. Virilizing Hilus Cell Tumor of the Ovary Associated With Efferent Ductules-like Metaplasia Within Paratubal Mesonephric Remnants. **Int J Gynecol Pathol** **2016**; 35(4):369-71 (Epub 2015 Dec 1).

Michal M, Kazakov DV, Hadravský L, **Agaimy A**, Švajdler M, Kuroda N, Michal M. Pleomorphic hyalinizing angiectatic tumor revisited: all tumors manifest typical morphological features of myxoinflammatory fibroblastic sarcoma further suggesting 2 morphological variants of a single entity. **Ann Diagn Pathol** **2016**; 20:40-3 (Epub Oct 29).

Söder S, Sesselmann S, Aigner T, Oehler S, **Agaimy A**. Tenosynovial Giant Cell Tumour (Pigmented Villonodular Synovitis-)-like Changes in Periprosthetic Interface Membranes. **Virchows Arch** 2016; 468:231-8 (Epub 2015 Nov 9).

Agaimy A, Daum O, Märkl B, Lichtmanegger I, Michal M, Hartmann A. SWI/SNF Complex-deficient Undifferentiated/Rhabdoid Carcinomas of the Gastrointestinal Tract. A Series of 13 Cases highlighting Mutually Exclusive Loss of SMARCA4 and SMARCA2 and Frequent Co-inactivation of SMARCB1 and SMARCA2. **Am J Surg Pathol** 2016; 40(4):544-53 (Epub 2015 Nov 5).

Knör M, Tziridis K, **Agaimy A**, Zenk J, Wendler O. Human Papillomavirus (HPV) Prevalence in Nasal and Antrochoanal Polyps and Association with Clinical Data. **PLoS One** 2015; 10(10):e0141722.

Koch M, Freundl AJ, **Agaimy A**, Kiesewetter F, Künzel J, Cicha I, Alexiou C. Atypical Fibroxanthoma - Histological Diagnosis, Immunohistochemical Markers and Concept of Therapy. **Anticancer Res** 2015; 35(11):5717-35.

Kiehlmann M, Weber K, Göhl J, Fietkau R, **Agaimy A**, Hohenberger W, Merkel S. The impact of surgical quality on prognosis in patients undergoing rectal carcinoma surgery after preoperative chemoradiation. **Int J Colorectal Dis** 2016; 31(2):247-55 (Epub Oct 24).

Agaimy A, Specht K, Stoehr R, Lorey T, Märkl B, Niedobitek G, Straub M, Hager T, Reis A, Schilling B, Schneider-Stock R, Hartmann A, Mentzel T. Metastatic malignant melanoma with complete loss of differentiation markers (undifferentiated/dedifferentiated melanoma): Analysis of 14 patients emphasizing phenotypic plasticity and the value of molecular testing as surrogate diagnostic marker. **Am J Surg Pathol** 2016; 40(2):181-191 (Epub 2015 Oct 6).

Bell D, Hanna EY, **Agaimy A**, Weissferdt A. Reappraisal of sinonasal undifferentiated carcinoma: SMARCB1(INI1)-deficient sinonasal carcinoma-Report of four cases and review of the literature. **Virchows Arch** 2015; 467:649-656 (Epub Sep 25).

Ivanovska J, Zlobec I, Forster S, Karamitopoulou E, Dawson H, Koelzer VH, **Agaimy A**, Garreis F, Söder S, Laqua W, Lugli A, Hartmann A, Rau TT, Schneider-Stock R. DAPK loss in colon cancer tumor buds - implications for migration capacity of disseminating tumor cells. **Oncotarget** 2015; 6(34):36774-88 (Epub Aug 21).

Berta AI, **Agaimy A**, Braun J, Manger B, Kruse FE, Holbach L. Bilateral orbital IgG4- related disease with systemic and corneal involvement showing an excellent response to steroid and rituximab therapy. Report of a case with 11 years follow-up. **Orbit** 2015; 34(5):299-301 (Epub Aug 18).

Agaimy A, Semrau S, Heinz M. Lesson of the month: Intra-abdominal ALK-positive anaplastic large cell lymphoma in a patient with neurofibromatosis type 1. **Histopathology** 2016; 68(5):752-4 (Epub 2015 Oct 16).

Daniels M, Merkel S, **Agaimy A**, Hohenberger W. Treatment of perforated colon carcinomas-outcomes of radical surgery. **Int J Colorectal Dis** 2015; 30(11):1505-13. (Epub Aug 7).

Steinmann S, Gali-Muhtasib H, Huebner K, Al-Halabi R, Merhi RA, Aman P, **Agaimy A**, Haller F, Schneider-Stock R. Hsp90 inhibition by AUY922 as an effective treatment strategy against liposarcoma. **Cancer Lett** 2015; 367(2):147-56. (Epub Jul 28).

Knipfer C, Motz J, Adler W, Brunner K, Gebrekidan M, Hankel R, **Agaimy A**, Will S, Braeuer A, Neukam FW, Stelzle F. Raman Difference Spectroscopy: A Non-invasive Method for Identification of Oral Squamous Cell Carcinoma. **Biomed Opt Express** 2014; 5:3252-3265.

Zonnur S, Falkeis C, Ondang G, Weiner M, Maier H, **Agaimy A**. [Huge lipomatous tumor in the adductor muscle]. **Pathologe** 2015; 36(4):394-6 (Epub Jul 8) [article in German].

Agaimy A, Thiel F, Hartmann A, Fukunaga M. SMARCA4-deficient undifferentiated ovarian carcinoma (small cell carcinoma, hypercalcemic type): Clinicopathologic and Immunohistochemical Study of Three Cases. **Ann Diagn Pathol** 2015; 19(5):283-7 (Epub Jun 9).

Strecker T, Bertz S, Wachter DL, Weyand M, **Agaimy A**. Mesothelial/monocytic incidental cardiac excrescences (cardiac MICE) associated with acute aortic dissection: A study of two cases. **Int J Clin Exp Pathol** 2015; 8(4):3850-6.

Benderska N, Dittrich A, Knaup S, Rau TT, Neufert C, Wach S, Fahlbusch FB, Rauh M, Wirtz RM, **Agaimy A**, Srinivasan S, Mahadevan V, Rümmele P, Rapti E, Gazouli M, Hartmann A, Regine Schneider-Stock R. miRNA-26b overexpression in

ulcerative colitis-associated carcinogenesis. **Inflamm Bowel Dis** 2015; 21(9):2039-51 (Epub Jun 16).

Büttner F, Winter S, Rausch S, Reustle A, Kruck S, Junker K, Stenzl A, **Agaimy A**, Hartmann A, Bedke J, Schwab M, Schaeffeler E. Survival prediction of clear cell renal cell carcinoma based on gene expression similarity to the proximal tubule of the nephron. **Eur Urol** 2015; 68(6):1016-20 (Epub Jun 11).

Agaimy A, Michal M, Thompson LDR, Michal M. Angioleiomyoma of the sinonasal tract. Tract: Analysis of 16 Cases and review of the Literature. **Head Neck Pathol** 2015; 9(4):463-73 (Epub Jun 6).

Agaimy A, Vieth M. Simultaneous juvenile polyposis syndrome and neurofibromatosis type 1- response to Letter to the Editor. **Histopathology** 2016; 68(2):315-6 (Epub Jun 3).

Vassos N, **Agaimy A**, Hohenberger W, Croner RS. Management of liver metastases of gastrointestinal stromal tumors (GISTs). **Ann Hepatol** 2015; 14(4):531-539.

Ohlmann CH, Brecht IB, Junker K, van der Zee J, Nistor A, Bohle RM, Stöckle M, Metzler M, Hartmann A, **Agaimy A**. Sclerosing Epithelioid Fibrosarcoma of the Kidney: Clinicopathologic and Molecular Study of a Rare Neoplasm at a Novel Location. **Ann Diagn Pathol** 2015; 19(4):221-5.

Uslu U, **Agaimy A**, Hundorfean G, Harrer T, Schuler G, Heinzerling L. Autoimmune colitis and subsequent CMV- induced hepatitis after treatment with ipilimumab. **J Immunother** 2015; 38(5):212-5.

Agaimy A, Wild V, Märkl B, Wachter DL, Hartmann A, Rosenwald A, Ihrler S. Intra-parotid Classical and Nodular Lymphocyte-Predominant Hodgkin Lymphoma: Pattern Analysis with Emphasis on Associated Lymphadenoma-like Proliferations. **Am J Surg Pathol** 2015; 39(9):1206-12 (Epub Apr 28).

Strehl JD, Wachter DL, Fiedler J, Heimerl E, Beckmann MW, Hartmann A, **Agaimy A**. Pattern of SMARCB1(INI1) and SMARCA4(BRG1) in Poorly Differentiated Endometrioid Adenocarcinoma of the Uterus: Analysis of a Series with Emphasis on a Novel SMARCA4-Deficient Dedifferentiated Rhabdoid Variant. **Ann Diagn Pathol** 2015; 19(4):198-202.

Kramer K, Knippschild U, Mayer B, Bögelspacher K, Spatz H, Henne-Bruns D, **Agaimy A**, Schwab M, Schmieder M. Impact of age and gender on tumor related prognosis in gastrointestinal stromal tumor (GIST). **BMC Cancer** 2015; 15(1):1054.

Agaimy A, Bauer S, Beham A, Bertolini J, Haller F, Koschny R, Maier J, Montemurro M, Perez D, Schaefer IM, Schildhaus HU, Wurst C, Cameron S. Gastrointestinal Stromal Tumors (GIST), Development in Pathology, Surgery and Medical therapy. **Z Gastroenterol** 2015; 53(3):235-43.

Schwamb B, Pick R, Fernández SBM, Völp K, Heering J, Dötsch V, Bösser S, Jung J, Beinoraviciute-Kellner R, Wesely J, Zörnig I, Hammerschmidt M, Nowak M, Penzel R, Zatloukal K, Joos S, Rieker RJ, **Agaimy A**, Söder S, Reid Lombardo KMR, Kendrick ML, Bardsley MR, Hayashi Y, Asuzu DT, Syed SA, Ordog T, Zörnig M. FAM96A is a Novel Pro-Apoptotic Tumor Suppressor in Gastrointestinal Stromal Tumors. **Int J Cancer** 2015; 137(6):1318-1329.

Agaimy A, Frohnauer J. Metastatic uterine leiomyosarcoma with MDM2 amplification mimicking dedifferentiated liposarcoma: A diagnostic pitfall. **Int J Gynecol Pathol** 2015; 34(2):177-179.

Lott S, Schmieder M, Mayer B, Henne-Bruns D, Knippschild U, **Agaimy A**, Schwab M, Kramer K. Gastrointestinal stromal tumors of the esophagus: evaluation of a pooled case series regarding clinicopathological features and clinical outcome. **Am J Cancer Res** 2014; 5(1):333-43.

Kramer K, Wolf S, Mayer B, Schmidt SA, **Agaimy A**, Schwab M, Henne-Bruns D, Knippschild U, Schmieder M. Frequency, spectrum and prognostic impact of additional malignancies in patients with gastrointestinal stromal tumors (GISTs). **Neoplasia** 2015; 17: 134-140.

Skálová A, Weinreb I, Hycza M, Simpson RHW, Laco J, **Agaimy A**, Vazmitel M, Majewska H, Vanecek T, Talarcik P, Manajlovic S, Losito SN, Steiner P, Klimkova A, Michal M. Clear cell myoepithelial carcinoma of salivary glands showing EWSR1 rearrangement: Molecular analysis of 94 salivary gland carcinomas with prominent clear cell component. **Am J Surg Pathol** 2015; 39(3):338-348.

Krauss K, **Agaimy A**, Gottfried A, Weidinger T, Albrecht H, Hartmann A, Hohenberger W, Neurath MF, Kessler H, Mudter J. Long term follow up of through-the scope balloon dilation as compared to strictureplasty and bowel resection of intestinal strictures in Crohn's disease. **Int J Clin Exp Pathol** 2014; 7(11):7419-31.

Olmes DG, **Agaimy A**, Kloska S, Linker RA. Fatal lymphomatoid granulomatosis with primary CNS-involvement in an immunocompetent 80-year-old woman. **BMC Case Rep** 2014; 2014. pii: bcr2014206825.

Haller F, Bieg M, Moskalev EA, Barthelmeß S, Geddert H, Boltze C, Diessl N, Braumandl K, Brors B, Iro H, Hartmann A, Wiemann S, **Agaimy A**: Recurrent mutations within the amino-terminal region of beta-catenin are probable key molecular driver events in sinonasal hemangiopericytoma. **Am J Pathol** 2015; 185(2):563-71.

Agaimy A. Value of core needle biopsy in pre-operative diagnostics of soft tissue tumors: possibilities and limitations. **Pathologe** 2014; 35 Suppl 2:189-97. [article in German].

Benderska N, Ivanovska J, Rau TT, Schulze-Luehrmann J, Mohan S, Chakilam S, Gandesiri M, Zische E, Fischer T, Söder S, **Agaimy A**, Distel L, Sticht H, Mahadevan V, Schneider-Stock R. DAPK-HSF1 interaction as a new positive feedback loop for TNF-induced apoptosis in colorectal cancer cells. **J Cell Sci** 2014; 127(24):5273-87.

Strecker T, Rösch J, Weyand M, **Agaimy A**. Pathological findings in cardiac apex removed during implantation of Ventricular Assist Devices (VAD) are non-specific. A 13-year-experience at a German Heart Center. **Int J Clin Exp Pathol** 2014; 7(9):5549-56.

Agaimy A. The Expanding Family of SMARCB1(INI1)-Deficient Neoplasia: Implications of Phenotypic, Biological and Molecular Heterogeneity. **Adv Anat Pathol** 2014; 21(6):394-410.

Görtz RS, Wacker J, **Agaimy A**, Neurath MF, Siebler J. [Weakness, dizziness, cough and dyspnea in a previously healthy woman]. **Med Klin Intensivmed Notfmed** 2014; 109(8):625-6 [article in German].

Scesnaite A, Jarmalaite S, Mueller M, **Agaimy A**, Zenk J, Hartmann A, Iro H, Peters B, Schwarz S, R. Schneider-Stock. Prognostic value of O-6-methylguanine-DNA methyltransferase loss in salivary gland carcinomas. **Head Neck** 2014; 36:1258-67.

Schaefer V, **Agaimy A**, Wachter DL, Wacker J, Anders K, Schett G, Manger B. Multi-Organ Involvement in Refractory IgG4-Related Disease. **Akt Rheumatol** 2015; 40:304-308.

Strecker T, Zimmermann I, Heinz M, Rösch J, **Agaimy A**, Weyand M. Successful venous angioplasty of superior vena cava syndrome after heart transplantation. **Case Rep Cardiol** 2014; 2014:490276.

Kraus C, Rau TT, Lux P, Erlenbach-Wünsch K, Löhr S, Krumbiegel M, Stöhr R, **Agaimy A**, Croner RS, Stürzl M, Hohenberger W, Hartmann A, Reis A. Comprehensive screening for mutations associated with colorectal cancer in unselected cases reveals penetrant and non-penetrant mutations. **Int J Cancer** 2015; 136(6):E559-68 (Epub Aug 20).

Bachmann L, Besendörfer M, Carbon R, Lux P, **Agaimy A**, Hartmann A, Rau TT. Immunohistochemical panel diagnostics of Hirschsprung's disease consistent of Map2, Calretinin, Glut1 and S100. **Histopathology** 2014; 66(6):824-35 (Epub Aug 14).

Strecker T, **Agaimy A**, Zelzer P, Weyand M, Wachter DL. Incidental finding of a giant asymptomatic right atrial tumor. **Int J Clin Exp Pathol** 2014; 7:4528-30.

Agaimy A, Haller F, Frohnauer J, Schaefer IM, Ströbel P, Hartmann A, Stoehr R, Klöppel G. Pancreatic Undifferentiated Rhabdoid Carcinoma: *KRAS* Alterations and SMARCB1 Expression Status Define Two Subtypes. **Mod Pathol** 2015; 28(2):248-60 (Epub Aug 8).

Perrakis A, Weber K, Merkel S, **Agaimy A**, Gebbert C, Hohenberger W. Lymph node metastasis of carcinomas of transverse colon including flexures. Consideration of the extramesocolic lymph node stations. **Int J Colorect Dis** 2014; 29(10):1223-9 (Epub Jul 25).

Haller F, Zhang JD, Moskalev EA, Braun A, Otto C, Geddert H, Riazalhosseini Y, Ward A, Balwierz A, Schaefer, IM, Cameron S, Ghadimi BM, **Agaimy A**, Fletcher JA, Hoheisel J, Hartmann A, Werner M, Wiemann S, Sahin Ö. Combined DNA methylation and gene expression profiling in gastrointestinal stromal tumors (GISTs) reveals hypomethylation of SPP1 as an independent prognostic factor. **Int J Cancer** 2015; 136(5):1013-23 (Epub Jul 21).

Gill AJ, Hes O, Papatomas T, Šedivcová M, Tan PH, **Agaimy A**, Andresen PA, Kedziora A, Clarkson A, Toon CW, Sioson L, Watson N, Chou A, Paik J, Clifton-Bligh RJ, Robinson BG, Benn DE, Hills K, Maclean F, Niemeijer ND, Vlatkovic L,

Hartmann A, Corssmit EPM, van Leenders GJLH, Przybycin C, McKenney JK, Magi-Galluzzi C, Yilmaz A, Yu D, Nicoll KD, Yong JL, Sibony M, Yakirevich E, Fleming S, Chow CW, Miettinen M, Michal M, Trpkov K. Succinate dehydrogenase (SDH) deficient renal carcinoma– a morphologically distinct tumour: A clinicopathologic series of 36 tumors from 27 patients. **Am J Surg Pathol** 2014; 38(12):1588-602 (Epub Jul 14).

Strecker T, Scheuermann S, Nooh E, Weyand M, **Agaimy A**. Incidental papillary fibroelastoma of the tricuspid valve. **J Cardiothorac Surg** 2014; 9:123.

Künzel J, **Agaimy A**, Hornung J, Lell M, Ganslandt O, Semrau S, Zenk J. Sporadic endolymphatic sac tumor - a diagnostic and therapeutic challenge. **Int J Clin Exp Pathol** 2014; 7(5):2641-6.

Lichtmanegger I, Gölder S, Probst A, Dönmez G, **Agaimy A**, Langer E, Müller W, Zhang L, Märkl B. Frequency and clinical features of fibroelastotic changes in the gastrointestinal tract. **Virchows Arch** 2014; 465:257-64.

Agaimy A, Bihl MP. Microscopic gastrointestinal stromal tumors in the gastric antrum. **Hum Pathol** 2014; 45(8):1792-3.

Haller F, Moskalev EA, Faucz FR, Barthelmeß S, Wiemann S, Bieg M, Assie G, Bertherat J, Schaefer IM, Otto C, Rattenberry E, Maher E, Ströbel P, Werner M, Carney JA, Hartmann A, Stratakis CA, **Agaimy A**. Aberrant DNA hypermethylation of SDHC: A novel mechanism of tumor development in Carney triad. **Endocr Relat Cancer** 2014; 21(4):567-77.

Agaimy A, Koch M, Lell M, Semrau S, Dudek W, Wachter DL, Knöll A, Iro H, Haller F, Hartmann A. SMARCB1/INI1-Deficient Sinonasal Basaloid Carcinoma: A Novel Member of the Expanding Family of SMARCB1 Deficient Neoplasms. **Am J Surg Pathol** 2014; 38(9):1274-1281 (Epub May 14).

Agaimy A, Barthelmeß S, Geddert H, Boltze C, Moskalev E, Koch M, Wiemann S, Hartmann A, Haller F. Phenotypical And Molecular Distinctness of Sinonasal Hemangiopericytoma compared to Solitary Fibrous Tumor of the Sinonasal Tract. **Histopathology** 2014; 65(5):667-73 (Epub May 7).

Amin MB, Smith SC, **Agaimy A**, Argani P, Compérat EM, Delahunt B, Epstein JI, Eble JN, Grignon DJ, Hartmann A, Hes O, Hirsch MS, Jimenez RE, Kunju LP, Martignoni G, McKenney JK, Moch H, Montironi R, Paner GP, Rao P, Srigley JR, Tickoo SK, Reuter VE. Collecting Duct Carcinoma of the Ducts of Bellini versus

Renal Medullary Carcinoma: An Appeal for Nosologic and Biologic Clarity. **Am J Surg Pathol** 2014; 38:871-4.

Psychogios G, Mantsopoulos K, **Agaimy A**, Brunner B, Mangold E, Zenk J, Iro H. Outcome and prognostic factors in T4a oropharyngeal carcinoma, including the role of HPV infection. **Biomed Res Int** 2014; 2014:390825.

Schildberg CW, Abba M, Merkel S, **Agaimy A**, Dimmler A, Schlabrakowski A, Croner R, Leupold JH, Hohenberger W, Allgayer H. Gastric cancer patients less than 50 years of age exhibit significant downregulation of E-cadherin and COX-2 compared to older reference population. **Adv Med Sci** 2014; 59:142-146.

Agaimy A, Lell M, Schaller T, Märkl B, Hornung J. "Neuroendocrine" Middle Ear Adenoma: Consistent Expression of the Transcription Factor ISL1 (Islet-1) Further Supports Their Neuroendocrine Derivation. **Histopathology** 2015; 66(2):182-91 (Epub Apr 26).

Erlenbach-Wünsch K, Haller F, Taubert H, Würll P, Hartmann A, **Agaimy A**. Expression of the LIM homeobox domain transcription factor ISL1 (Islet-1) is frequent in rhabdomyosarcoma but very limited in other soft tissue sarcoma types. **Pathology** 2014; 46:289-95.

Rau TT, **Agaimy A**, Gehoff A, Geppert C, Jung K, Knobloch K, Langner C, Lugli A, Lurkin I, Nagtegaal I, Rüschoff J, Saegert X, Sarbia M, Schneider-Stock R, Vieth M, Zwarthoff EC, Hartmann A. Defined morphological criteria allow reliable diagnosis of colorectal serrated polyps and predict polyp genetics. **Virchows Arch** 2014; 464:663-72.

Wachter DL, Hartmann A, Beckmann MW, Fasching PA, Hein A, Bayer CM, **Agaimy A**. Expression of Neuroendocrine Markers in Different Molecular Subtypes of Breast Carcinoma. **Biomed Res Int** 2014; 2014:408459.

Kehlen A, Greither T, Wach S, Nolte E, Kappler M, Bache M, Holzhausen HJ, Lautenschläger C, Göbel S, Würll P, Immel U, **Agaimy A**, Wullich B, Taubert H. High co-expression of CCL2 and CX3CL1 is gender-specifically associated with good prognosis in soft tissue sarcoma patients. **Int J Cancer** 2014; 135(9):2096-106 (Epub Mar 27).

Moskalev EA, Frohnauer J, Merkelbach-Bruse S, Schildhaus HU, Dimmler A, Schubert T, Boltze C, König H, Fuchs F, Sirbu H, Rieker RJ, **Agaimy A**, Hartmann A, Haller F. Sensitive and specific detection of EML4-ALK rearrangements in non-

small cell lung cancer (NSCLC) specimens by multiplex amplicon RNA massive parallel sequencing. **Lung Cancer** 2014; 84(3):215-21.

Künzel J, Mantsopoulos K, Psychogios G, **Agaimy A**, Grundtner P, Koch M, Iro H. Lymph Node Ratio is of limited value for the decision-making process in the treatment of patients with Laryngeal Cancer. **Eur Arch Otorhinolaryngol** 2015; 272(2):453-61 (Epub Mar 19).

Vassos N, **Agaimy A**, Hohenberger W, Croner RS. Coexistence of gastrointestinal stromal tumors (GIST) and malignant neoplasms of different origin: Prognostic implications. **Int J Surg** 2014; 12:371-7.

Strehl JD, Schoerner C, Hartmann A, **Agaimy A**. Tularemia lymphadenitis: An emerging differential diagnosis of necrotizing granulomatous cervical lymphadenitis [article in German, invited review]. **Pathologe** 2014; 35:166-72.

Agaimy A, Ihrler S. Patterns of xanthogranulomatous reaction in salivary glands: histomorphological spectrum and differential diagnosis [article in German, invited review]. **Pathologe** 2014; 35:160-5.

Agaimy A, Ihrler S. Immunoglobulin-G4 (IgG4)-related disease: A review of head and neck manifestations [article in German, invited review]. **Pathologe** 2014; 35:152-9.

Psychogios G, Alexiou C. **Agaimy A**, Brunner K, Koch M, Mantsopoulos K, Tomppert A, Iro H. The epidemiology and survival of HPV-related tonsillar carcinoma. **Cancer Med** 2014; 3:652-9.

Barthelmess S, Geddert H, Boltze C, Moskalev E, Bieg M, Sirbu H, Fuchs F, Brors B, Wiemann S, Hartmann A, **Agaimy A**, Haller F. Solitary fibrous tumors (SFTs)/ haemangiopericytomas (HPCs) with different variants of the *NAB2-STAT6* fusion gene are characterized by specific histomorphology and distinct clinicopathological features. **Am J Pathol** 2014; 184:1209-18.

Agaimy A, Rau TT, Hartmann A, Stoehr R. SMARCB1(INI1)-negative rhabdoid carcinomas of the gastrointestinal tract: Clinicopathologic and molecular study of a highly aggressive variant with literature review. **Am J Surg Pathol** 2014; 38:910-20.

Mantsopoulos K, Psychogios G, Agaimy A, Künzel J, Zenk J, Iro H, Bohr C. Inflamed benign tumors of the parotid gland: Diagnostic pitfalls from a potentially misleading entity. **Head Neck** 2015; 37(1):23-9 (Epub Oct 29).

Merkel S, Weber K, Schellerer V, Goehl J, Fietkau R, Agaimy A, Hohenberger W, Hermanek P. Prognostic subdivision of ypT3 rectal tumours according to extension beyond the muscularis propria. **Br J Surg Epub** 2014; 101:566-72.

Agaimy A. Microscopic intraneural perineurial cell proliferations in patients with neurofibromatosis type 1. **Ann Diagn Pathol** 2014; 18:95-8.

Ries J, Vairaktaris E, Agaimy A, Kintopp R, Baran C, Neukam FW, Nkenke E. miR-186, miR-3651 and miR-494: Potential biomarkers for oral squamous cell carcinoma extracted from whole blood. **Oncol Rep** 2014; 31:1429-36.

Agaimy A, Buslei R, Coras R, Rubin BP, Mentzel T. Comparative study of soft tissue perineurioma and meningioma using a five-marker immunohistochemical panel. **Histopathology** 2014; 65:60-70.

Schaefer IM, Ströbel P, Thiha A, Sohns JM, Mühlfeld C, Küffer S, Felmerer G, Stepniewski A, Pauli S, Agaimy A. Soft tissue perineurioma and other unusual tumors in a patient with neurofibromatosis type 1. **Int J Clin Exp Pathol** 2013; 6(12):3003-8.

Schaefer IM, Ströbel P, Cameron S, Beham A, Otto C, Schildhaus UH, Agaimy A. Rhabdoid morphology in gastrointestinal stromal tumours (GISTs) is associated with PDGFRA mutations but does not imply aggressive behaviour. **Histopathology** 2014; 64:421-30.

Erlenbach-Wünsch K, Semrau S, Fietkau R, Weber K, Hohenberger W, Rau T, Hartmann A, Merkel S, Agaimy A. ypN0 nodal status after neoadjuvant chemoradiotherapy for rectal carcinoma is not associated with adverse prognosis as compared to pN0 after primary surgery. **Int J Colorec Dis** 2014; 29:231-7.

Agaimy A, Schaefer IM, Kotzina L, Knolle J, Baumann I, Ströbel P, Vieth M. Juvenile-like (inflammatory/hyperplastic) Mucosal Polyps of The Gastrointestinal Tract in Neurofibromatosis Type 1. **Histopathology** 2014; 64:777-86.

Heinzerling L, Baiter M, Kühnapfel S, Schuler G, Keikavoussi P, Agaimy A, Kiesewetter F, Hartmann A, Schneider-Stock R. Mutation landscape in melanoma

patients clinical implications of heterogeneity of BRAF mutations. **Br J Cancer** **2013**; 109:2833-41.

Schlittenbauer T, Rieker R, Amann K, Schmitt Ch, Wehrhan F, Mitsimponas K, Schlegel KA, **Agaimy A**. Recurrent adult-type rhabdomyoma: A rare differential diagnosis of “swellings in the masticatory muscle”. **J Craniofac Surg** **2013**; 24:e504-7.

Schaefer IM, Delfs C, Cameron S, Gunawan B, **Agaimy A**, Ghadimi M, Haller F. Chromosomal aberrations in primary PDGFRA-mutated gastrointestinal stromal tumors (GISTs). **Hum Pathol** **2014**; 45:85-97.

Vassos N, Lell M, Hohenberger W, Croner RS, **Agaimy A**. Deep-seated huge hibernoma of soft tissue: a rare differential diagnosis of atypical lipomatous tumor/well differentiated liposarcoma. **Int J Clin Exp Pathol** **2013**; 6(10):2178-2184.

Mertz KD, Horcic M, Hailemariam S, Zeppa P, Dirnhofer S, Hartmann A, **Agaimy A**, Eppenberger-Castori S, Obermann E, Cathomas G, Bubendorf L. Heterogeneity of ERG expression in core needle biopsies of patients with early prostate cancer. **Hum Pathol** **2013**; 44:2727-35.

Teymoortash A, Zenk J, **Agaimy A**. Laryngorhinootologie 2013;92: 512-513. [Commentary to: Bowyer et al. Diagnostic utility of free-hand core-needle biopsy in head and neck masses. **J Laryngol Otol** 2012; 12:1-6].

Agaimy A, Otto C, Braun A, Geddert H, Schaefer IM, Haller F. Value of Epithelioid Morphology And PDGFRA Immunostaining Pattern For Prediction of PDGFRA Mutated Genotype in Gastrointestinal Stromal Tumors (GISTs). **Int J Clin Exp Pathol** **2013**; 6(9):1839-46.

Agaimy A, Weyand M, Strecker T. Inflammatory thoracic aortic aneurysm (lymphoplasmacytic thoracic aortitis): A 13-year-experience at a German Heart Center with emphasis on possible role of IgG4. **Int J Clin Exp Pathol** **2013**; 6:1733-22.

Schildberg C, Abba M, Merkel S, **Agaimy A**, Dimmler A, Schlabrakowski A, Croner R, Leupolt J, Hohenberger W, Allgayer H. COX-2, TFF1 and Src define better prognosis in young patients with gastric cancer. **J Surg Oncol** **2013**; 108:409-13.

Schmidt B, Leugering G, Stingl M, Hüttner B, **Agaimy A**, Döllinger M. Material- and shape optimization for multi-layered vocal fold models using transient loading. **J Acoust Soc Am** 2013; 134(2):1261-1270.

Schröck A, Göke F, Wagner P, Bode M, Franzen A, Huss S, **Agaimy A**, Ihrler S, Kirsten R, Kristiansen G, Bootz F, Lengerke C, Perner S. Fibroblast-growth-factor-receptor-1 as a potential therapeutic target in sinonasal malignancies. **Head Neck** 2014; 36(9):1253-7 (Epub 2014 Feb 1).

Künzel J, **Agaimy A**, Krause S, Klintworth N, Vieth M, Alexiou C. Isolated late metastasis from testicular seminoma presenting as a parotid gland mass: case report and review of the literature. **Curr Oncol** 2013; 20:e354-8.

Nkenke E, **Agaimy A**, von Wilmowsky C, Eitner S. Mandibular reconstruction using intraoral microvascular anastomosis following removal of an ameloblastoma. **J Oral Maxillofac Surg** 2013; 71:1983-92.

Berta AI, Naumann-Bartsch N, **Agaimy A**, Metzler M, Kruse FE, Holbach L. Unilateral swelling of the lacrimal gland in a 15-year-old female patient. **Ophthalmologe** 2013; 110:876-8 [article in German].

Agaimy A. Fat-containing salivary gland tumors: A review. **Head Neck Pathol** 2013; 7 Suppl 1:S90-6 [invited review].

Ries J, Vairaktaris E, **Agaimy A**, Bechtold M, Gorecki P, Neukam FW, Nkenke E. The relevance of EGFR overexpression for the prediction of the malignant transformation of oral leukoplakia. **Oncol Rep** 2013; 30(3):1149-56.

Ettl T, Gosau M, Brockhoff G, Schwarz-Furlan S, **Agaimy A**, Reichert TE, Rohrmeier C, Zenk J, Iro H. Predictors of cervical lymph node metastasis in salivary gland cancer. **Head Neck** 2014; 36(4):517-23.

Eißmann M, Schwamb B, Melzer IM, Moser J, Siele D, Köhl U, Rieker RJ, Wachter DL, **Agaimy A**, Herpel E, Baumgarten P, Mittelbronn M, Rakel S, Kögel D, Böhm S, Gutschner T, Diederichs S, Zörnig M. A functional yeast survival screen of tumor-derived cDNA libraries designed to identify anti-apoptotic mammalian oncogenes. **PLoS One** 2013; 8(5):e64873.

Nkenke E, **Agaimy A**, Pierre S. M, Gratzki N, Stockmann P, von Wilmowsky C. Intraoral microvascular anastomosis for segmental mandibular reconstruction

following removal of an ameloblastoma. **J Craniofac Surg** 2013; 24(3):e265-e270.

Agaimy A. Risk assessment and pathological reporting of gastrointestinal stromal tumour. **Diagn Histopathol** 2013; 19(6):191-197 [invited review].

Vassos N, **Agaimy A**, Klein P, Hohenberger W, Croner RS. Solid pseudo-papillary Neoplasm of the pancreas: a case series and literature review on an enigmatic entity. **Int J Clin Exp Pathol** 2013; 6(6):1051-9.

Rieker RJ, **Agaimy A**, Moskalev EA, Hebele S, Mehlhorn G, Beckmann MW, Hartmann A, Haller F. Mutation status of the *Mediator Complex Subunit 12 (MED12)* in uterine leiomyomas and concurrent/ metachronous multifocal peritoneal smooth muscle nodules (leiomyomatosis peritonealis disseminata). **Pathology** 2013; 45(4):388-92.

Müller M, **Agaimy A**, Zenk J, Ettl T, Iro H, Hartmann A, Seliger B, Schwarz S. The prognostic impact of human leucocyte antigen (HLA) class I antigen abnormalities in salivary gland cancer. A clinicopathological study of 288 cases. **Histopathology** 2013; 62:847-59.

Heinzerling L, Kühnapfel S, Meckbach D, Baiter M, Kaempgen E, Keikavoussi P, Schuler G, **Agaimy A**, Bauer J, Hartmann A, Kiesewetter F, Schneider-Stock R. Rare BRAF Mutations in Melanoma Patients – Implications for Molecular Testing in Clinical Practice. **British J Cancer** 2013; 108(10):2164-71.

Agaimy A, Märkl B. Inflammatory angiomyolipoma of the liver: An unusual case suggesting relationship to IgG4-related pseudotumor. **Int J Clin Exp Pathol** 2013; 6(4):771-9.

Agaimy A, Brueckl V, Schmidt D, Krieg S, Ullrich E, Meidenbauer N. Tuberculous and non-tuberculous granulomatous lymphadenitis in patients receiving Imatinib mesylate (Glivec) for metastatic gastrointestinal stromal tumor (GIST). **Case Rep Oncol** 2013; 6(1):134-42.

Schröck A, Göke F, Wagner P, Bode M, Franzen A, Braun M, Huss S, **Agaimy A**, Ihrler S, Kurth R, Menon R, Kirsten R, Kristiansen G, Bootz F, Lengerke C, Perner S. Sex determining region Y-box 2 (SOX2) amplification is an independent indicator of disease recurrence in sinonasal cancer. **PLoS One** 2013; 8(3):e59201.

Strecker T, Weyand M, **Agaimy A**. Huge pannus formation on mechanical bileaflet mitral valve prosthesis 23 years after third operation on the mitral valve. **Eur J Cardiothorac Surg** 2013; 44(3):581.

Agaimy A, Erlenbach-Wünsch K, Konukiewitz B, Schmitt AM, Rieker RJ, Vieth M, Kiesewetter F, Hartmann A, Zamboni G, Perren A, Klöppel G. ISL1 expression is not restricted to pancreatic well differentiated neuroendocrine neoplasms, but is also commonly found in well and poorly differentiated neuroendocrine neoplasms of extrapancreatic origin. **Mod Pathol** 2013; 26(7):995-1003.

Neufert C, **Agaimy A**, Neurath MF, Mudter J. Confocal laser endomicroscopy for the detection of gastric foveolar metaplasia in long-standing ulcerative colitis. **Inflamm Bowel Dis** 2013; 19(5):E77-8.

Psychogios G, Mantsopoulos K, **Agaimy A**, Koch M, Zenk J, Waldfahrer F, Iro H. Prognostic factors in limited (T1-2, N0-1) oropharyngeal carcinoma treated with surgery ± adjuvant therapy. **Head Neck** 2013; 35(12):1752-8.

Moskalev EA, Stöhr R, Rieker RJ, Hebele S, Fuchs F, Sirbu H, Mastitsky SE, Boltze C, König H, **Agaimy A**, Hartmann A, Haller F. Increased detection rates of EGFR and KRAS mutations in NSCLC specimens with low tumour cell content by 454 deep sequencing. **Virchows Arch** 2013; 462(4):409-19.

Chakilam S, Gandesiri M, Rau TT, **Agaimy A**, Mahadevan V, Ivanovska J, Wirtz R, Schulze-Luehrmann J, Benderska N, Wittkopf N, Ruemmele P, Vieth M, Rave-Fränk M, Christiansen H, Hartmann A, Neufert C, Atreya R, Becker C, Steinberg P, Schneider-Stock R. Death associated protein kinase (DAPK) controls STAT3 activity in intestinal epithelial cells. **Am J Pathol** 2013; 182(3):1005-20.

Strecker T, Rösch J, Weyand M, **Agaimy A**. Frequency and spectrum of metachronous malignancies in heart transplant recipients: A 11-year-experience at a German heart center. **Int J Clin Exp Pathol** 2013; 6(3):411-20.

Agaimy A, Vassos N, Märkl B, Meidenbauer N, Köhler J, Spatz J, Hohenberger W, Haller F, Croner RS, Schneider-Stock R, Matzel K. Anorectal gastrointestinal stromal tumors: A retrospective multicenter analysis of 15 cases emphasizing their high local recurrence rate and the need for standardized therapeutic approach. **Int J Colorectal Dis** 2013; 28(8):1057-64.

Veits L, Vieth M, **Agaimy A**. [Chronic pancreatitis with pseudocysts?]. **Pathologe** 2013; 34(3):272-5. [article in German].

Wachter DL, Frohnauer J, Thiel F, **Agaimy A**. Vaginal-type tubulo-squamous polyp arising in mature cystic teratoma of the ovary. **Int J Gynecol Pathol** 2013; 32:178-80.

Ach T, Zeitler K, Schwarz-Furlan S, Baader K, **Agaimy A**, Rohrmeier C, Zenk J, Gosau M, Reichert TE, Brockhoff G, Ettl T. Aberrations of MET are associated with copy number gain of EGFR and loss of PTEN and predict poor outcome in patients with salivary gland cancer. **Virchows Arch** 2013; 462(1):65-72.

Strecker T, Rösch J, Weyand M, **Agaimy A**. Endomyocardial biopsy for monitoring heart transplant patients: 11-years-experience at a German heart center. **Int J Clin Exp Pathol** 2013; 6(1):55-65.

Agaimy A, Ihrler S, Märkl B, Lell L, Zenk J, Hartmann A, Michal M, Skálová A. Lipomatous salivary gland tumors. A series of 31 cases spanning their morphological spectrum with emphasis on sialolipoma and oncocytic lipoadenoma. **Am J Surg Pathol** 2013; 37(1):128-37.

Agaimy A, Wang LM, Eck M, Haller F, Chetty R. Loss of DOG-1 expression associated with shift from spindled to epithelioid morphology in gastric gastrointestinal stromal tumors (GIST) with KIT and PDGFRA mutations. **Ann Diagn Pathol** 2013; 17(2):187-91.

Mitsimponas KT*, **Agaimy A***, Schlittenbauer T, Nkenke E, Neukam FW. Oncocytic lipoadenoma of the parotid gland: A report of a new case and review of the literature. **Int J Clin Exp Pathol** 2012; 5(9):1000-6.

Strecker T, **Agaimy A**. Giant left atrial myxoma causing drop attacks by prolapsing into the mitral valve. **Int J Clin Exp Pathol** 2012; 5(9):996-9.

Krauss E*, **Agaimy A***, Douplik A, Albrecht H, Neumann H, Hartmann A, Hohenstein R, Raithel M, Neurath MF, Mudter J. Normalized Autofluorescence Imaging Diagnostics in Upper GI Tract: A New Method to Improve Specificity in Neoplasia Detection. **Int J Clin Exp Pathol** 2012; 5(9):856-64.

Agaimy A, Rösch J, Weyand M, Strecker T. Primary and metastatic cardiac sarcomas: A 12-year experience at a German heart center. **Int J Clin Exp Pathol** 2012; 5(9):928-38.

Agaimy A, Vassos N, Croner RS. Gastrointestinal manifestations of neurofibromatosis type 1 (Recklinghausen's disease): A review of their clinicopathological spectrum with pathogenetic considerations. **Int J Clin Exp Pathol** 2012; 5(9):852-62.

Hundorfean G, **Agaimy A**, Chiriac MT, Rösler W, Mackensen A, Siebler J, Neurath MF. Highlighting crypt necrosis using confocal laser endomicroscopy for the *in vivo* and real-time diagnosis of gastrointestinal graft versus host disease. **J Clin Oncol** 2012; 30(35):e368-9.

Vassos N*, **Agaimy A***, Günther K, Hohenberger W, Schneider-Stock R, Croner RS. A novel complex KIT mutation in a gastrointestinal stromal tumor of the vermiform appendix. **Hum Pathol** 2013; 44(4):651-5.

Fritsche HM, May M, Denzinger S, Otto W, Siegert S, Eder F, Giedl C, Giedl J, **Agaimy A**, Novotny V, Wirth M, Stief C, Bastian PJ, Brookman-May S, Hofstädter F, Gierrth M, Aziz A, Kokot A, Riedmiller H, Toma M, Wieland WF, Hartmann A, Burger M. Perinodal lymphovascular invasion is the strongest predictor for cancer-specific mortality in lymph node positive urothelial carcinoma of the bladder after radical cystectomy – Results of a prospective multicentre study. **Eur Urol** 2013; 63(4):739-44.

Schmitt CM, Tudor C, Kiener K, Wehrhan F, Schmitt J, Eitner S, **Agaimy. A**, Schlegel KA. Vestipuloplasty: Porcine Collagen Matrix versus free gingival graft. A clinical and histological study. **J Periodontol** 2013; 84(7):914-23.

Michal M, Kazakov DV, Kacerovska D, Kuroda N, Lovric E, Wachter DL, **Agaimy A**, Hes O. Paratesticular cystadenomas with ovarian stroma, metaplastic serous müllerian epithelium and male adnexal tumor of probable Wolffian origin. A series of 5 hitherto poorly recognized testicular tumors. **Ann Diagn Pathol** 2013; 17(2):151-8.

Büttner M, Kufer V, Brunner K, Hartmann A, Amann K, **Agaimy A**. Benign mesenchymal tumors and tumor-like lesions in end-stage renal disease. **Histopathology** 2013; 62(2):229-36.

Wachter DL, Thiel F, **Agaimy A**. Foreign body reaction after laparoscopic Oxiplex administration mimicking peritoneal adenomucinosis: A potential pitfall in frozen section. **Int J Gynecol Pathol** 2012; 31:542-4.

Strehl JD, Stachel KD, Carbon R, Hartmann A, **Agaimy A**. Juvenile xanthogranuloma developing after treatment of Langerhans cell histiocytosis: Case report and literature review. **Int J Clin Exp Pathol** 2012; 5(7):720-725.

Hundorfean G, **Agaimy A**, Chiriac MT, Geißdörfer W, Wacker J, Neurath MF, Mudter J. In-vivo detection of mucosal healing process-involved colonic histiocytes by confocal laser endomicroscopy. **World J Gastroenterol** 2012; 18(32):4447-9.

Hundorfean G, **Agaimy A**, Siebler J, Chiriac MT, Neurath MF, Mudter High-definition endoscopic imaging with i-Scan for the detection and characterization of duodenal Crohn's disease. **J Crohns Colitis** 2013; 7(3):e122-3.

Agaimy A, Vassos N, Croner RS, Strobel D, Lell M. Hepatic Angiomyolipoma. A series of six cases with emphasis on pathological-radiological correlations and unusual variants diagnosed by core needle biopsy **Int J Clin Exp Pathol** 2012; 5(6):512-521.

Agaimy A, Stelzle F, Zenk J, Iro H. Intra-operative frozen section diagnosis of head and neck tumors: possibilities, limitations, pitfalls and tips for the daily practice (article in German) **Pathologe** 2012; 33(5):389-96.

Sohler F, Sommer A, Wachter DL, **Agaimy A**, Fischer OM, Oppelt P, Renner SP, Fasching PA, Beckmann MW, Fuhrmann U, Strick, Strissel RL. Tissue remodelling and non-endometrium like menstrual-cycling are hallmarks of peritoneal endometriosis lesions. **Reprod Sci** 2013; 20(1):85-102.

Hundorfean G, **Agaimy A**, Hartmann A, Chiriac MT, Siebler J, Neurath MF, Mudter J. In vivo diagnosis and characterization of gastric Crohn's disease using endomicroscopy and virtual chromoendoscopy. **Endoscopy** 2012; 44 Suppl 2:E263-4.

Krauss E, **Agaimy A**, Neumann H, Schulz U, Hartmann A, Neurath MF, Raithel M, Mudter J. Characterization of lymphoid follicles with red ring signs as first manifestation of early Crohn's disease by conventional histopathology and confocal laser endomicroscopy. **Int J Clin Exp Pathol** 2012; 5(5):411-21.

Ries J, **Agaimy A**, Vairaktaris E, Kwon Y, Neukam FW, Straßburg LH, Nkenke E. Evaluation of MAGE-A expression and grade of dysplasia for predicting malignant progression of oral leukoplakia. **Int J Oncol** 2012; 41(3):1085-93.

Ries J, **Agaimy A**, Vairaktaris E, Gorecki P, Neukam FW, Straßburg LH, Nkenke E. Detection of MAGE-A expression predicts malignant transformation of oral leukoplakia. **Cancer Invest** 2012; 30(7):495-502.

Naumann-Bartsch N, Carbon R, Klein P, **Agaimy A**, Holter W, Jüngert J. An unusual thyroid mass in a 5-year-old girl. **J Pediatr** 2012; 161(3):565.

Schwarz S, Zenk J, Müller M, Ettl T, Wunsch PH, Hartmann A, **Agaimy A**. The many faces of acinic cell carcinomas of the salivary glands: A study of 40 cases relating histologic and immunohistologic subtypes to clinical parameters and prognosis. **Histopathology** 2012; 61(3):395-408.

Kufer V, Schwab S, Büttner M, **Agaimy A**, Uder M, Amann K. Incidental monotypic (fat-poor) renal angiomyolipoma diagnosed by core needle biopsy. **Case Report Med** 2012; 2012:906924.

Brecht IB, **Agaimy A**, Besendörfer M, Carbon R, Thiel FC, Rompel O, Osinski D, Langer T, Metzler M, Holter W. Malignant peritoneal mesothelioma in a 16-year-old girl: Presentation of a rare disease. **Klin Padiatr** 2012; 224:170-173.

Strehl JD, Mehlhorn G, Koch MC, Harrer EG, Harrer T, Beckmann MW, **Agaimy A**. Hypertrophic herpes simplex genitalis with concomitant microinvasive intraepithelial neoplasia mimicking advanced vulvar cancer. Case report and literature review. **Int J Gynecol Pathol** 2012; 31:286-293.

Weiler C, **Agaimy A**, Zengel P, Zenk J, Kirchner T, Ihrler S. Non-sebaceous lymphadenoma of salivary glands: proposed development from intraparotid lymph nodes and risk of misdiagnosis. **Virchows Arch** 2012; 460:467-72.

Agaimy A, Kirsche H, Semrau S, Iro H, Hartmann A. Cytokeratin-positive epithelioid angiosarcoma presenting in the tonsil: A diagnostic challenge. **Hum Pathol** 2012; 43(7):1142-7.

Agaimy A, Hahn T, Schroeder J, Elhag A. Follicular thyroid adenoma dominated by spindle cells: Report of two unusual cases and literature review. **Int J Clin Exp Pathol** 2012; 5(2):143-151.

Hundorfean G, **Agaimy A**, Atreya R, Mudter J, Neurath MF, Neumann H. Confocal laser endomicroscopy for characterization of Crohn's disease-associated duodenitis. **Endoscopy** 2012; 44 Suppl 2 UCTN:E80.

Hundorfean G, Atreya R, **Agaimy A**, Heinzerling L, Kämpgen E, Schuler G, Neurath MF. Fluorescein-guided confocal laser endomicroscopy for the detection of ipilimumab-induced colitis. **Endoscopy** 2012; 44 Suppl 2 UCTN:E78-9.

Strecker T, Rösch J, Weyand M, **Agaimy A**. Primary and metastatic cardiac tumors: imaging characteristics, surgical treatment and histopathological spectrum. A 10-year-experience at a German heart center. **J Cardiovasc Pathol** 2012; 21(5):436-43.

Agaimy A, Vassos N, Wunsch PH, Hohenberger W, Hartmann A, Croner RS. Impact of serosal involvement/extramural growth on the risk of synchronous and metachronous peritoneal spread in gastrointestinal stromal tumors: Proposal for a macroscopic classification of GIST. **Int J Clin exp pathol** 2012;5(1):12-22.

Schulz T, Drgac J, Chmelar C, Höhler T, **Agaimy A**, Vieth M. Plexiform angiomyxoid myofibroblastic tumour of the stomach. **Pathologe** 2012; 33:65-9 [article in German].

Ettl T, Baader K, Stiegler C, Müller M, **Agaimy A**, Zenk J, Kühnel T, Gosau M, Zeitler K, Schwarz S, Brockhoff G. Loss of PTEN is associated with elevated EGFR and HER2 expression and worse prognosis in salivary gland cancer. **Br J Cancer** 2012; 106:719-26.

Wachter DL, Kristiansen G, Soll C, Hellerbrand C, Breuhahn K, Fritzsche F, **Agaimy A**, Hartmann A, Riener MO. IMP3 expression in hepatocellular carcinoma. A clinicopathological analysis with emphasis on its diagnostic value. **Histopathology** 2012; 60:278-86.

Ettl T, Stiegler C, Zeitler K, **Agaimy A**, Zenk J, Reichert TE, Gosau M, Kühnel T, Brockhoff G, Schwarz S. EGFR, HER2, Survivin and loss of pSTAT3 characterize high-grade malignancy in salivary gland cancer with impact on prognosis. **Hum Pathol** 2012; 43:921-31.

Wachter DL, **Agaimy A**. A cutaneous vascular neoplasm with microscopic hobnail morphology and unusual gross features. **J Cut Pathol** 2012; 39:454-7.

Mulsow J, Merkel S, Agaimy A, Hohenberger W. Outcomes following surgery for colorectal cancer with synchronous peritoneal metastases. **British J Surg** 2011; 98:1785-91.

Wachter DL, Thiel F, Agaimy A. Subinvolution of the placental site 6 years after last delivery. **Int J Gynecol Pathol** 2011; 30:581-2.

Demir R, Pohl J, Agaimy A, Peros G, Merkel S, Hohenberger W, Klein P. Necrosis and angioinvasion predict adverse outcome in pancreatic neuroendocrine tumours after curative (R0) surgical resection: Results of a single-center series. **World J Surg** 2011; 35:2764-72.

Daniels M, Lurkin I, Pauli R, Erbstößer E, Hildebrandt U, Hellwig K, Zschille U, Lüders P, Krüger G, Knolle J, Stengel B, Prall F, Hertel K, Lobeck H, Popp B, Theissig F, Wünsch P, Zwarthoff E, Agaimy A, Schneider-Stock R. Spectrum of KIT/PDGFR α /BRAF mutations and phosphatidylinositol-3-Kinase pathway gene alterations in gastrointestinal stromal tumors (GIST). **Cancer Lett** 2011; 312:43-54.

Patsenker E, Stoll M, Millonig G, Agaimy A, Wissniowski T, Schneider V, Mueller S, Brenneisen R, Seitz HK, Ocker M, Stickel F. Cannabinoid receptor type I modulates alcohol-induced liver fibrosis. **Mol Med** 2011; 17:1285-94.

Agaimy A, Kaiser A, Becker K, Bräsen JH, Wünsch PH, Adsay NV, Klöppel G. Pancreatic-type acinar cell Carcinoma of the liver. A clinicopathologic study of four patients. **Mod Pathol** 2011; 24:1620-6.

Agaimy A, Stachel KD, Jüngert J, Radkow T, Carbon R, Metzler M, Holter W. Malignant epithelioid peripheral nerve sheath tumor with prominent reticular/microcystic pattern in a child: A low-grade neoplasm with 18-years-follow-up. **Appl Immunohistochem Mol Morphol** 2014; 22:627-633 (Epub 2011 Jul 15).

Pfeifer L, Agaimy A, Janka R, Boxberger F, Wein A, Neurath MF, Siebler J. Complete long-term remission of an inflammatory pseudotumour on corticosteroid therapy. **Case Rep Oncol** 2011; 4:304-10.

Quint K, Agaimy A, Di Fazio P, Montalbano R, Steindorf C, Jung R, Hellerbrand C, Sitter H, Neureiter D, Ocker M. Clinical significance of histone deacetylases 1, 2, 3 and 7 in patients with hepatocellular carcinoma. **Virchows Arch** 2011; 459:129-39.

Strecker T, Schmid A, Zielezinski T, Rösch J, **Agaimy A**. Left ventricular hemangioma. **Heart Surg Forum 2011**; 14:E207-9.

Agaimy A, Mudter J, Märkl B, Chetty R. Cytomegalovirus infection presenting as isolated inflammatory polyps of the gastrointestinal tract. **Pathology 2011**; 43:440-446.

Otto C, **Agaimy A**, Braun A, Räddecke J, Höppner J, Illerhaus G, Werner M, Kontny U, Haller F. Multifocal gastric gastrointestinal stromal tumors (GISTs) with lymph node metastases in children and young adults: A comparative clinical and histomorphological study of three cases including a new case of Carney triad. **Diagn Pathol 2011**; 6(1):52.

Schwarz S, Müller M, Ettl T, Stockmann P, Zenk J, **Agaimy A**. Morphological heterogeneity of oral salivary gland carcinomas: A clinicopathologic study of 41 cases with long term follow-up emphasizing the overlapping spectrum of adenoid cystic carcinoma and polymorphous low-grade adenocarcinoma **Int J Clin Exp Pathol 2011**; 4:336-348.

Brackmann FA, Kiefer A, **Agaimy A**, Gencik M, Trollmann R. Rapidly progressive phenotype of Lafora disease associated with a novel NHLRC1 mutation. **Pediatr Neurol 2011**; 44:475-7.

T. Strecker, Zimmermann S, Wachter DL, **Agaimy A**. Aortic dissection caused by giant cell arteritis. **Heart Surg Forum 2011**; 14:E137-8.

Agaimy A, Strecker T, Left atrial myxoma with papillary fibroelastoma-like features. **Int J Clin Exp Pathol 2011**; 4:307-311.

Schwarz S, Stiegler C, Müller M, Ettl T, Brockhoff G, Zenk J, **Agaimy A**. Salivary gland mucoepidermoid carcinoma is a clinically, morphologically and genetically heterogeneous entity. A clinicopathologic study of 40 cases with emphasis on grading, histological variants and presence of the t(11;19) Translocation. **Histopathology 2011**; 58:557-70.

Wachter DL, Wunsch PH, Hartmann A, **Agaimy A**. Adenomatoid tumors of the female and male genital tract. A comparative clinico-pathologic and immunohistochemical analysis of 47 cases emphasizing their site-specific morphologic diversity. **Virchows Arch 2011**; 458:593-602.

Vassos N, **Agaimy A**, Hohenberger W, Croner RS. Extraabdominal lymph node metastasis in gastrointestinal stromal tumors (GIST). **J Gastrointest Surg** 2011; 15:1232-6.

Demir R, Schmid A, Hohenberger W, **Agaimy A**. Angiolipomatous mesenchymal hamartoma (angiolipomatosis) of the sigmoid mesocolon. **Int J Clin Exp Pathol** 2011; 4:210-214.

Agaimy A, Michal M. Hybrid schwannoma-perineurioma of the gastrointestinal tract: A clinicopathologic study of two cases and reappraisal of perineurial Cells in gastrointestinal schwannomas. **Appl Immunohistochem Mol Morphol** 2011; 19:454-459.

Agaimy A, Bohle RM, Schick B, Bumm K. Perineurioma of the parotid gland: First case report. **Hum Pathol** 2011; 42:904-8.

Strecker T, Schmid A, **Agaimy A**, Hugo C, Weyand M, Zielezinski T. Giant metastatic alveolar soft part sarcoma in the left ventricle: appearance in echocardiography, magnetic resonance imaging and histopathology. **Clin Cardiol** 2011; 34:E6-8.

Neufert C, **Agaimy A**, Wacker J, Neumann H, Neurath MF, Raithel M. Diarrhea and massive duodenal round cell infiltration in a 27-year-old HIV positive female. **GUT** 2011; 60:1486.

Chetty R, Serra S, Gauchotte G, Märkl B, **Agaimy A**. Sclerosing nodular lesions of the gastrointestinal tract containing large numbers of IgG4 plasma cells. **Pathology** 2011; 43:31-35.

Pelz AF*, **Agaimy A***, Daniels M, Evert M, Schulz HU, Lüders P, Müller G, Lasota J, Röpke A, Wieacker P, Miettinen M, Schneider-Stock R. Gastrointestinal stromal tumor (GIST) presenting as a rectovaginal mass. Clinicopathologic and molecular-genetic characterization of a rare tumor and literature review. **Hum Pathol** 2011; 42:586-93.

Strehl JD, Hartmann A, **Agaimy A**. Numerous IgG4-positive plasma cells are ubiquitous in diverse localized non-specific chronic inflammatory conditions and need to be distinguished from IgG4-related systemic disorders. **J Clin Pathol** 2011; 64:237-243.

Strecker T, Agaimy A, Marwan M, Zielezinski T. Papillary fibroelastoma of the aortic valve: Appearance in echocardiography, computed tomography and histopathology. **J Heart Valve Dis** 2010; 19:812.

Vassos N*, Agaimy A*, Schlabrakowski A, Hohenberger W, Schneider-Stock R, Croner RS. An unusual and potentially misleading phenotypic change in a primary gastrointestinal stromal tumor (GIST) under imatinib mesylate therapy. **Virchows Arch** 2011; 458:363-9.

Geissler B, Agaimy A, Jüngert J, Hartmann A, Carbon R, Knorr C. Tumoral calcinosis of the gluteal region in a 14-year-girl with juvenile polyarthritis. **Eur J Pediatr Surg** 2010; 20:421-22.

Agaimy A. Benign mesothelial nodules within dermal vessels associated with huge umbilical hernia: A potential mimicker of malignancy (letter). **Am J Surg Pathol** 2011; 35:152-153.

Wachter DL, Thiel F, Hartmann A, Agaimy A. Epithelioid clear cell smooth muscle tumor of the ovary presenting as a mural nodule in an endometrioid adenocarcinoma with clear cell changes. **Int J Gynecol Pathol** 2011; 30:58-61.

Agaimy A, Stoehr R, Vieth M, Hartmann A. Benign serrated colorectal fibroblastic polyps/ intramucosal perineuriomas are true mixed epithelial-stromal polyps (Hybrid hyperplastic polyp/ mucosal perineurioma) with frequent BRAF mutations. **Am J Surg Pathol** 2010; 34:1663-71.

Agaimy A, Hartmann A. Hereditary and non-hereditary syndromic gastrointestinal stromal tumors. **Pathologe** 2010; 31:430-437 (article in German, invited review).

Haller F, Cortis J, Helfrich J, Cameron S, Schüler P, Schwager S, Gunawan B, Füzesi L, Agaimy A. Epithelioid/mixed phenotype in gastrointestinal stromal tumors (GISTs) with *KIT* mutation from the stomach is associated with accelerated passage of late phases of the cell cycle and shorter disease-free survival. **Mod Pathol** 2011; 24:248-55.

Krajinovic K, Germer CT, Agaimy A, Wunsch PH, Isbert C. Outcome after resection of one hundred gastrointestinal stromal tumors. **Dig Surg** 2010;27: 313-319.

Bal A, Schönleben F, Agaimy A, Gessner A, Lang W. *Listeria monocytogenes* as a rare cause of mycotic aortic aneurysm. **J Vasc Surg** 2010; 52:456-459.

Erlic Z, Ploeckinger U, Cascon A, Hoffmann MM, von Duecker L, Winter A, Kammel G, Bacher J, Sullivan M, Isermann B, Fischer L, Raffel A, Knoefel WT, Schott M, Baumann T, Schaefer O, Keck T, Baum RP, Milos I, Muresan M, Peczkowska M, Januszewicz A, Cupisti K, Tönjes A, Fasshauer M, Langrehr J, von Wussow P, **Agaimy A**, Schlimok G, Lamberts R, Wiech T, Schmid KW, Weber A, Nunez M, Robledo M, Eng C, Neumann HP; VHL-ICT Consortium; German NET Registry. Systematic comparison of sporadic and syndromic pancreatic islet cell tumors. **Endocr Relat Cancer** 2010; 17:875-83.

Wich C*, **Agaimy A***, Strobel D, Wissniowski TT, Hartmann A, Ocker M. Sustained treatment response of metastatic hepatocellular carcinoma with bevacizumab and sorafenib. **World J Gastroenterol** 2010; 16:3592-6.

Agaimy A, Märkl B, Arnholdt H, Schneider-Stock R, Chetty R. Sporadic Segmental Interstitial Cell of Cajal Hyperplasia (microscopic GIST) with Unusual Diffuse Longitudinal Growth Replacing the Muscularis Propria: Differential Diagnosis to hereditary GIST syndromes. **Int J Clin Exp Pathol** 2010;3:549-556.

Agaimy A. Gastrointestinal stromal tumors (GIST) from risk stratification systems to the new TNM proposal: More questions than answers? A review emphasizing the need for a standardized GIST reporting. **Int J Clin Exp Pathol** 2010;3:461-471 [invited review].

Cicha I, Rüffer A, Cesnjevar R, Glöckler M, **Agaimy A**, Daniel WG, Garlachs CD, Dittrich S. Early obstruction of decellularized xenogenic valves in paediatric patients: Involvement of inflammatory and fibroproliferative processes. **Cardiovasc Pathol** 2011;20:222-31.

Haller F, **Agaimy A**, Cameron S, Beyer M, Happel N, Langer C, Ramadori G, Gunawan B, Füzesi L. Expression of p16^{INK4A} in gastrointestinal stromal tumours (GISTs): two different forms exist which independently correlate with poor prognosis. **Histopathology** 2010; 56:305–318.

Agaimy A, Carney JA. Lymphatics and D2-40/podoplanin expression in gastrointestinal stromal tumors of the stomach with and without lymph node metastasis: An immunohistochemical study with special reference to the Carney triad. **J Clin Pathol** 2010; 63:229-34.

Agaimy A, Märkl B, Kitz J, Wunsch PH, Arnholdt H, Füzesi L, Hartmann A, Chetty R. Peripheral nerve sheath tumors of the gastrointestinal tract: A multicenter

study of 58 patients including NF1-associated gastric schwannoma and unusual morphologic variants. **Virchows Arch** 2010; 456:411-422.

Wachter DL, Büttner MJ, Grimm K, Hartmann A, **Agaimy A**. Leiomyoma of the gallbladder. A Case report with review of the literature and discussion of the differential diagnosis. **J Clin Pathol** 2010; 63:177-179.

Agaimy A, Bihl MP, Tornillo L, Wünsch PH, Hartmann A, Michal M. Calcifying Fibrous Tumor of the Stomach: Clinicopathologic and molecular study of seven cases with literature review and re-appraisal of histogenesis. **Am J Surg Pathol** 2010; 34:271-278.

Kazakov DV, Spagnolo DV, Stewart CJ, Thompson J, **Agaimy A**, Magro G, Bisceglia M, Vazmitel M, Kacerovska D, Kutzner H, Mukensnabl P, Michal M. Fibroadenoma and phyllodes tumors of anogenital mammary-like glands: a series of 13 neoplasms in 12 patients, including mammary-type juvenile fibroadenoma, fibroadenoma with lactation changes, and neurofibromatosis-associated pseudoangiomatous stromal hyperplasia with multinucleated giant cells. **Am J Surg Pathol** 2010; 34:95-103.

Agaimy A, Schneider-Stock R. [Gastrointestinal stromal tumors (GIST): Evolution of a tumor concept from unclassifiable neoplasms to targeted molecular therapy]. **Pathologe** 2010; 31:115-22 [article in German, invited review].

Schwarz S, Stiegler C, Zenk J, Iro H, **Agaimy A**. [Salivary gland mucoepidermoid carcinoma: Unusual variants with detection of the t(11,19)(q21;p13) translocation]. **Pathologe** 2009;30:472-7 [article in German].

Bumm K, **Agaimy A**, Niedobitek G, Iro H, Steinhart H. A 47-year-old male with a cerebellopontine angle tumor. **Brain Pathol** 2009; 19:739-42.

Agaimy A, Märkl B, Arnholdt H, Wünsch PH, Terracciano LM, Dirnhofer S, Hartmann A, Bihl MP, Tornillo L. Multiple sporadic gastrointestinal stromal tumours arising at different gastrointestinal sites: Pattern of involvement of the muscularis propria as a clue to independent primary GISTs. **Virchows Arch** 2009; 455:101-108.

Agaimy A, Terracciano LM, Dirnhofer S, Tornillo L, Foerster A, Hartmann A, Bihl MP. V600E BRAF mutations are alternative early molecular events in a subset of KIT/PDGFRα wild-type gastrointestinal stromal tumors (GISTs). **J Clin Pathol** 2009; 62:613-616.

Amann T, Maegdefrau U, Hartmann A, **Agaimy A**, Marienhagen J, Weiss ST, Stoeltzing O, Kreutz M, Schölmerich J, Bosserhoff AK, Hellerbrand C. GLUT1 expression is increased in hepatocellular carcinoma and promotes tumorigenesis. **Am J Pathol** 2009; 174:1544-52.

Agaimy A*, Haller F*, Gunawan B, Wünsch PH, Füzesi L. Distinct biphasic histomorphological pattern in gastrointestinal stromal tumours (GISTs) with common primary mutations but divergent molecular cytogenetic progression. **Histopathology** 2009; 54:295-302.

Agaimy A, Wünsch PH, Hofstädter F, Schroeder J. Hyaline globules in paucicellular leiomyomas of the gastrointestinal tract are distinct from skeinoid fibres and represent degenerating smooth muscle cells. **Pathol Res Pract** 2009; 205:417-422.

Agaimy A, Wünsch PH. Lymph node metastasis in gastrointestinal stromal tumours (GIST) occurs preferentially in young patients ≤ 40 yrs: An overview based on our case material and the literature. **Langenbecks Arch Surg** 2009; 394: 375-381.

Agaimy A, Dirnhofer S, Wünsch PH, Terracciano LM, Tornillo L, Bihl MP. Multiple sporadic gastrointestinal stromal tumors (GISTs) of the proximal stomach are caused by different somatic *KIT* mutations suggesting a field effect. **Am J Surg Pathol** 2008; 32:1553-1559.

Agaimy A, Pelz AF, Wieacker P, Roessner A, Wünsch PH, Schneider-Stock R. Gastrointestinal stromal tumors of the vermiform appendix. Clinicopathologic, immunohistochemical and molecular study of two cases with literature review. **Hum Pathol** 2008; 39:1252-57.

Agaimy A, Wünsch PH, Dirnhofer S, Bihl MP, Terracciano LM, Tornillo L. Microscopic gastrointestinal stromal tumors in esophageal and intestinal surgical resection specimens. A clinicopathologic, immunohistochemical, and molecular study of 19 lesions. **Am J Surg Pathol** 2008; 32:867-873.

Paiva CE, Moraes Neto FA, **Agaimy A**, Custodio Domingues MA, Rogatto SR. Perivascular epithelioid cell tumor (PEComa) of the liver coexisting with a gastrointestinal stromal tumor: A case report. **World J Gastroenterol** 2008; 14:800-2.

Agaimy A, Wünsch PH. Coexistence of interstitial cell of Cajal hyperplasia and microcarcinoidosis in a mature cystic teratoma of the ovary (correspondence). **Histopathology** 2008; 52:260–262.

Agaimy A, Wünsch PH. Distribution of neural cell adhesion molecule (NCAM/CD56) in GISTs and their intra-abdominal mesenchymal mimics. **J Clin Pathol** 2008; 61:499-503.

Agaimy A, Gaumann A, Schroeder J, Dietmaier W, Hartmann A, Hofstaedter F, Wünsch PH, Mentzel T. Primary and metastatic high-grade pleomorphic sarcoma/malignant fibrous histiocytoma of the gastrointestinal tract: an approach to the differential diagnosis in a series of five cases with emphasis on myofibroblastic differentiation. **Virchows Arch** 2007; 451:949-57.

Agaimy A, Pelz AF, Corless CL, Wünsch PH, Heinrich MC, Hofstaedter F, Dietmaier W, Blanke CD, Wieacker P, Roessner A, Hartmann A, Schneider-Stock R. Epithelioid gastric stromal tumours of the antrum in young females with the Carney triad: report of three new cases with mutational analysis and comparative genomic hybridisation. **Oncol Rep** 2007; 18:9-15.

Agaimy A, Wünsch PH, Schroeder J, Gaumann A, Dietmaier W, Hartmann A, Hofstaedter F, Mentzel T. Low-grade abdominopelvic sarcoma with myofibroblastic features (low-grade myofibroblastic sarcoma): clinicopathological, immunohistochemical, molecular genetic and ultrastructural study of two cases with literature review. **J Clin Pathol** 2008; 61:301-306.

Agaimy A, Wünsch PH. Intestinal-type adenocarcinoma arising in a congenital sublingual teratoid cyst (letter). **Virchows Arch** 2007; 450:479-481.

Agaimy A, Wünsch PH. Gastrointestinal stromal tumours (GIST) in kidney transplant recipients: A report of two cases. **Nephrol Dial Transplant** 2007; 22:1489-1490.

Agaimy A, Wünsch PH, Hofstaedter F, Blaszyk H, Rümmele P, Gaumann A, Dietmaier W, Hartmann A. Minute gastric sclerosing stromal tumors (GIST tumorlets) are common in adults and frequently show *c-KIT* mutations. **Am J Surg Pathol** 2007; 31:113-120.

Agaimy A, Wünsch PH, Sobin LH, Lasota J, Miettinen M. Occurrence of other malignancies in patients with gastrointestinal stromal tumors. **Semin Diagn Pathol** 2006; 23:120-129.

Agaimy A, Wunsch PH. True smooth muscle neoplasms of the gastrointestinal tract: morphological spectrum and classification in a series of 85 cases from a single institute. **Langenbecks Arch Surg** 2007; 392: 75-81.

Agaimy A, Wunsch PH. Unexpected and potentially misleading TTF-1 expression: a word of caution (letter). **Virchows Arch** 2006; 449:603-605.

Agaimy A, Wunsch PH. Epithelioid and sarcomatoid malignant pleural mesothelioma in endoscopic gastric biopsies: a diagnostic pitfall. A study of two cases. **Pathol Res Pract** 2006; 202:617-622.

Agaimy A, Wunsch PH. Follicular dendritic cell tumor of the gastrointestinal tract. Report of a rare neoplasm and literature review. **Pathol Res Pract** 2006; 202:541-548.

Agaimy A, Lindner M, Wunsch PH. Interstitial cells of Cajal (ICC) in mature cystic teratoma of the ovary (correspondence). **Histopathology** 2006; 48:208-209.

Agaimy A, Wunsch PH. Gastrointestinal stromal tumours: a regular origin in the muscularis propria, but an extremely diverse gross presentation. A review of 200 cases to critically re-evaluate the concept of so-called extra-gastrointestinal stromal tumours. **Langenbecks Arch Surg** 2006; 391:322-329.

Agaimy A, Wunsch PH. Perivascular epithelioid cell sarcoma (Malignant PEComa) of the ileum. **Pathol Res Pract** 2006; 202:37-41.

Agaimy A, Wunsch PH. Sporadic Cajal cell hyperplasia is common in resection specimens for distal oesophageal carcinoma. A retrospective review of 77 consecutive surgical resection specimens. **Virchows Arch** 2006; 448:288-294.

Agaimy A, Wunsch PH. Gastrointestinal stromal tumours in patients with other-type cancer: A mere co-incidence or an etiological association? A study of 97 GIST cases. **Z Gastroenterol** 2005; 43:1025-1030.

Agaimy A, Wunsch PH. Perineurioma of the stomach. A rare spindle cell neoplasm that should be distinguished from gastrointestinal stromal tumor. **Pathol Res Pract** 2005; 201:463-467.

Agaimy A, Wunsch PH. Epithelioid hemangioendothelioma of the liver: A contribution to the differential diagnosis of rare intrahepatic nodular lesions. **Chirurgische Praxis** 2005; 64:27-33 [article in German].

Agaimy A, Kaiser A, Wunsch PH. Severe cytologic atypia in focal nodular hyperplasia with numerous Mallory hyaline bodies. An adaptive (reactive) change? **Pathol Res Pract** 2003; 199:509-511.

Agaimy A, Wunsch PH. [The unusual colon polyp: a rare metastasis of soft tissue sarcoma]. **Chirurgische Praxis** 2003; 62:3-7 [article in German].

Agaimy A, Kaiser A, Wunsch PH. [Epithelioid hemangioendothelioma of the heart in association with myelodysplastic syndrome]. **Z Kardiologie** 2002; 91:352-356 [article in German].

Agaimy A, Mandl L. [Papillary fibroelastoma of the aortic valve coincident with a cystic tumor of the atrioventricular node]. **Pathologie** 2000; 21:250-254 [article in German].

WHO book chapters

Agaimy A, Nosé V, Sobrinho-Simoes M. Thyroblastoma. Thyroid gland. **WHO Classification of Tumours of the endocrine organs**. 5th ed. Lyon, France: IARC Press; 2021.

Gill AJ, **Agaimy A**, Asa SL, de Krijger RR, Erickson LA, Gimenez-Roqueplo A-P, Juhlin CC, Mete O. SDH Deficient tumor syndromes. Genetic tumour syndromes. **WHO Classification of Tumours of the endocrine organs**. 5th ed. Lyon, France: IARC Press; 2021.

Argani P, **Agaimy A**, Colombo P, Comperat EM, Hartmann A, Montironi R, Oda Y, Rao P, Sirohi D. SMARCB1/INI1-deficient renal medullary carcinoma. **WHO Classification of Tumours of the urinary system**. 5th ed. Lyon, France: IARC Press; 2022, p84-86.

Gill AJ, **Agaimy A**, de Krijger RR, Erickson LA, Mete O, Turajlic S. Succinate dehydrogenase deficient tumour syndromes. **WHO Classification of Tumours of the urinary system**. 5th ed. Lyon, France: IARC Press; 2022, p474-478.

Jo VY, Agaimy A, Franchi A, Ud Din N. Sinonasal undifferentiated carcinoma. Tumors of the nasal cavity, paranasal sinuses and skull base. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Agaimy A, Bal MM, Jain D, Mittal NM, Rooper LM, Ud Din N. SWI/SNF complex-deficient sinonasal carcinoma. Tumors of the nasal cavity, paranasal sinuses and skull base. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Rooper LM, Agaimy A, Bal MM, Jain D, Mittal NM, Ud Din N, Wenig BM. Teratocarcinosarcoma. Tumors of the nasal cavity, paranasal sinuses and skull base. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Thompson LDR, Agaimy A, Jo VY. Sinonasal tract angiofibroma. Tumors of the nasal cavity, paranasal sinuses and skull base. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Katabi N, Agaimy A, Fonseca I, Gnepp DR, Simpson RHW. Myoepithelioma. Tumors of the Salivary Glands. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Agaimy A, Nakaguro M, Seethala R, Simpson RHW. Cystadenoma (papillary and oncocytic). Tumors of the Salivary Glands. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Thompson LDR, Agaimy A, Bloemena E. Canalicular adenoma. Tumors of the Salivary Glands. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Stevens TM, Agaimy A, Faquin WC, Hellquist H, Kiss K, Simpson RHW. Acinic cell carcinoma. Tumors of the Salivary Glands. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Bishop JA, Agaimy A, Nagao T, Thompson LDR, Weinreb I. Intercalated duct carcinoma. Tumors of the Salivary Glands. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Chiosea S, Agaimy A, Hellquist H, Nagao T, Simpson RHW., van Herpen CML. Salivary duct carcinoma. Tumors of the Salivary Glands. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Rooper LM, Agaimy A, Bishop JA, Gnepp DR, Leivo I. Mucinous adenocarcinoma. Tumors of the Salivary Glands. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Gupta R, Agaimy A, Bal MM. Squamous cell carcinoma. Tumours of the ear. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Sandison A, Agaimy A. Middle ear adenocarcinoma. Tumours of the ear. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Agaimy A, Flucke U, Nagao T, Wenig BM. Lipoma. Soft tissue tumours. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Agaimy A. Myofibroma. Soft tissue tumours. **WHO Classification of Tumours of the Head and Neck**. 5th ed. Lyon, France: IARC Press; 2021.

Flieder DB, Agaimy A. Bronchial papillomas. In. WHO Classification of Tumours Editorial Board. **WHO Classification of Tumours of the lung**. 5th ed. Lyon, France: IARC Press; 2021, pp 37-40.

Agaimy A, Jo VY, Thompson LDR. Nasopharyngeal angiofibroma. In. WHO Classification of Tumours Editorial Board. **WHO Classification of pediatric Tumours**. 1st ed. Lyon, France: IARC Press; 2021.

Agaimy A, Dei Tos AP, Folpe AL. Pleomorphic hyalinizing angiectatic tumour of soft parts. **WHO Classification of Tumours of soft tissue and bones**. 5th ed. IARC Press, Lyon, 2019.

Brenn T, Agaimy A, Hollmann T. Acral fibromyxoma. **WHO Classification of Tumours of soft tissue and bones**. 5th ed. IARC Press, Lyon, 2019.

Agaimy A. Tumours of the stomach. Squamous cell carcinoma. In: **WHO Classification of Tumours of the digestive system**. 5th ed. IARC Press, Lyon, 2019, pp. 96-97.

Agaimy A. Tumours of the stomach. Adenosquamous carcinoma. In: **WHO Classification of Tumours of the digestive system.** 5th ed. IARC Press, Lyon, 2019, pp. 98-99.

Agaimy A. Tumours of the stomach. Undifferentiated carcinoma. In: **WHO Classification of Tumours of the digestive system.** 5th ed. IARC Press, Lyon, 2019, pp. 100-101.

Agaimy A, Michal M, Wick MR. Myofibroma and myofibromatosis. In: Elder D, Scolyer R, Massi D, Willemze R (eds). **WHO Classification of Skin Tumours.** 4th edition. Lyon: IARC Press, Lyon, 2018, pp. 322-23.

Agaimy A, Luzar B, Michal M, Patterson JW. Myopericytoma and variants. In: Elder D, Scolyer R, Massi D, Willemze R (eds). **WHO Classification of Skin Tumours.** 4th edition. Lyon: IARC Press, Lyon, 2018, pp. 333.

Berney D, **Agaimy A.** Amin MB, Dehner L, Epstein JI, Manivel JC, McKenney JK, Ulbright TM. Tumours of paratesticular structures. In: Moch H, Humphrey PA, Ulbright TM, Reuter VE (eds). **WHO Classification of Tumours of the Urinary System and Male Genital Organs.** 4th edition. IARC Press, Lyon, 2016, pp. 246-52.

Maleszewski JJ, **Agaimy A.** Benign tumors and tumor-like lesions of the heart: Papillary fibroelastoma. In: Travis WD, Marx A, Brambilla E, Nicholson A, Burke A (eds.). **WHO Classification of Tumours of the Lung, Pleura, Thymus and Heart.** 4th Edition. IARC Press, Lyon, 2015, pp. 315-317.

Other book chapters

Brunner M, **Agaimy A,** Pavel M, Weber G, Grützmann R. Neuroendokrine Tumore (NET). In. Grützmann R (Herausgeber) Referenzwerk Pankreaschirurgie. Thieme-Verlag, 2021, pp. xx-xx.

Brunner M, **Agaimy A,** Meidenbauer N, Grützmann R. Gastrointestinale Stromatumore des Duodenums. In. Grützmann R (Herausgeber) Referenzwerk Pankreaschirurgie. Thieme-Verlag, 2021, pp. xx-xx.

Soltermann A, **Agaimy A,** Weichert W. Obere Atemwege. In: Höfler / Kreipe / Moch (Hrsg.). Pathologie: Das Lehrbuch. [in German]. 6. Auflage, Urban & Fischer (Elsevier), 2019.

Agaimy A, Noske A, Baumhoer D. Mundhöhle, Zähne und Speicheldrüsen. In: Höfler / Kreipe / Moch (Hrsg.). Pathologie: Das Lehrbuch. [in German]. 6. Auflage, Urban & Fischer (Elsevier), **2019**.

Agaimy A. Ohr. In: Höfler / Kreipe / Moch (Hrsg.). Pathologie: Das Lehrbuch. [in German]. 6. Auflage, Urban & Fischer (Elsevier), **2019**.

Agaimy A, Bertz S, Hartmann A, Minner S, Sauter S. Tumoren und tumorartige Veränderungen der Harnblase. In: K. Amann, R. Kain, G. Klöppel (Hrsg.). Pathologie: Urogenitale und Endokrine Organe, Gelenke und Skelett [in German]. Springer-Verlag, Berlin Heidelberg, **2015**.

Hofstädter F, Schubert GE, **Agaimy A**. Urethra. In: K. Amann, R. Kain, G. Klöppel (Hrsg.). Pathologie: Urogenitale und Endokrine Organe, Gelenke und Skelett [in German]. Springer-Verlag, Berlin Heidelberg, **2015**.

Andre N, **Agaimy A**. Paediatric peritoneal mesothelioma. In: Schneider D.T. et al. (eds.), Rare Tumors In Children and Adolescents, Pediatric Oncology Series, DOI 10.1007/978-3-642-04197-6_27, Springer-Verlag Berlin Heidelberg, **2012**.

Andre N, Kashanskiy SKV, **Agaimy A**. Paediatric pleural mesothelioma. In: Schneider D.T., et al. (eds.), Rare Tumors in Children and Adolescents, Pediatric Oncology, DOI 10.1007/978-3-642-04197-6_27, Springer-Verlag Berlin Heidelberg, **2012**.

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