

November 2020- January 2021

1.Negative prognostic impact of PD-L1 expression in tumor cells of undifferentiated (anaplastic) carcinoma with osteoclast-like giant cells of the pancreas: study of 13 cases comparing ductal pancreatic carcinoma and review of the literature.

Hrudka J, Lawrie K, Waldauf P, et al. Virchows Arch. 2020;477(5):687-696.

<https://pubmed.ncbi.nlm.nih.gov/32424767/>

2.Comprehensive characterization of pancreatic ductal adenocarcinoma with microsatellite instability: histology, molecular pathology and clinical implications.

Luchini C, Brosens LAA, Wood LD, et al. Gut. 2021;70(1):148-156.

<https://pubmed.ncbi.nlm.nih.gov/32350089/>

3.Design and validation of a patient-reported outcome measure scale in acute pancreatitis: the PAN-PROMISE study.

de-Madaria E, Sánchez-Marin C, Carrillo I, et al. Gut. 2021;70(1):139-147.

<https://pubmed.ncbi.nlm.nih.gov/32245906/>

4.Molecular Targets in Cholangiocarcinoma.

O'Rourke CJ, Munoz-Garrido P, Andersen JB. Hepatology. 2021; Jan; 73: 62-74

<https://pubmed.ncbi.nlm.nih.gov/32304327>

5.The Tumor Microenvironment in Cholangiocarcinoma Progression.

Fabris L, Sato K, Alpini G, Strazzabosco. Hepatology. 2021; Jan; 73: 75-85

<https://pubmed.ncbi.nlm.nih.gov/32500550/>

6.Biomarkers for Hepatobiliary Cancers.

Jean-Charles Nault, Augusto Villanueva. Hepatology. 2021; Jan; 73: 115-127

<https://pubmed.ncbi.nlm.nih.gov/32045030/>

7.Interobserver agreement in pathologic evaluation of bile duct biopsies.

Yong-Jun Liu, Jessica Rogers, Yao-Zhong Liu, et al. Hum Pathol. 2021 Jan; 107:29-38.

<https://pubmed.ncbi.nlm.nih.gov/33129823/>

8.Incidence and significance of GATA3 positivity in gallbladder adenocarcinoma.

Wenchang Guo, Whayoung Lee, Yunxia Lu, et al. Hum Pathol. 2020 Dec; 106:39-44.

<https://pubmed.ncbi.nlm.nih.gov/32991930/>

9.Details of human epidermal growth factor receptor 2 status in 454 cases of biliary tract cancer.

Nobuyoshi Hiraoka, Hiroaki Nitta, Akihiro Ohba, et al. Hum Pathol. 2020 Nov; 105: 9-19.

<https://pubmed.ncbi.nlm.nih.gov/32891647/>

10.Follicular cholecystitis: reappraisal of incidence, definition, and clinicopathologic associations in an analysis of 2550 cholecystectomies.

Saka B, Memis B, Seven IE, et al. Int J Surg Pathol. 2020;28(8):826-834.

<https://pubmed.ncbi.nlm.nih.gov/32423360/>

11.Immunostaining with immunoglobulin G subclass antibody cocktail for diagnosis of type 1 autoimmune pancreatitis.

Nakata R, Uehara T, Iwaya M, et al. Int J Surg Pathol. 2020;28(8):844-849.

<https://pubmed.ncbi.nlm.nih.gov/32456567/>

12.Next-generation sequencing in residual liquid-based cytology specimens for cancer genome analysis.

Yamaguchi T, Akahane T, Harada O, et al. Diagn Cytopathol. 2020;48:965–971.

<https://pubmed.ncbi.nlm.nih.gov/32511899>

13.Effect of single operator cholangioscopy on accuracy of bile duct cytology.

Aly FZ, Mostofizadeh S, Jawaid S, et al. Diagn Cytopathol. 2020 Dec;48(12):1230-1236.

<https://pubmed.ncbi.nlm.nih.gov/32770823>

14.A second endoscopic ultrasound with fine-needle aspiration for cytology identifies high-risk pancreatic cysts overlooked by current guidelines.

Faias S, Pereira L, Fonseca R, et al. Diagn Cytopathol. 2021 Jan;49(1):109-118.

<https://pubmed.ncbi.nlm.nih.gov/32960508>

15.Re: Assessment of preoperative pancreatic biopsy, cytological/histological review of cell-block-specimens obtained by endoscopic ultrasound-guided fine-needle aspiration: Laboratory based study.

Ieni A, Tuccari G. Diagnostic Cytopathology. 2020;48:1152–1153.

<https://pubmed.ncbi.nlm.nih.gov/32716581>

16.Loss of HIF1A From Pancreatic Cancer Cells Increases Expression of PPP1R1B and Degradation of p53 to Promote Invasion and Metastasis.

Tiwari A, Tashiro T., Dixit. A et al. Gastroenterology. 2020 Nov;159(5):1882-1897.e5.

<https://pubmed.ncbi.nlm.nih.gov/32768595/>

17.Mesenchymal Plasticity Regulated by Prrx1 Drives Aggressive Pancreatic Cancer Biology.

Feldman K., Maurer C., Peschke K. et al. Gastroenterology 2021 Jan;160(1):346-361.e24.

<https://pubmed.ncbi.nlm.nih.gov/33007300/>

18.Primary pancreatic Ewing sarcoma: a cytomorphologic and histopathologic study of 13 cases.

Miller D. Roy-Chowduri S., Illei P. et al., J Am Soc Cytopathol. Nov-Dec 2020;9(6):502-512

<https://pubmed.ncbi.nlm.nih.gov/32536453/>

19.Acinar cell carcinoma of the pancreas: a clinicopathologic and cytomorphologic review.

Mustafa S., Hruban Hr., Syed Z.A. J Am Soc Cytopathol. Nov-Dec 2020;9(6):586-595.

<https://pubmed.ncbi.nlm.nih.gov/32461075/>

20.Mural Intracholecystic Neoplasms Arising in Adenomyomatous Nodules of the Gallbladder. An Analysis of 19 Examples of a Clinicopathologically Distinct Entity.

Rowan DJ, Pehlivanoglu B, Memis B, et al. Am J Surg Pathol. 2020 Dec;44(12):1649-1657.

<https://pubmed.ncbi.nlm.nih.gov/33060404>

21.Pancreatic neuroendocrine carcinoma G3 may be heterogeneous and could be classified into two distinct groups

Tanaka H, Hijioka S, Hosoda W, et al. Pancreatology 2020; 20(7) : 1421-1427.

<https://pubmed.ncbi.nlm.nih.gov/32891532/>

22.Coronavirus disease 2019 and the pancreas.

Samantaa J, Gupta R, Singh MP, et al. Pancreatology 2020; 20(8) :1567-1575.

<https://pubmed.ncbi.nlm.nih.gov/33250089/>

23.The use of immunohistochemistry for IgG4 in the diagnosis of autoimmune pancreatitis: A systematic review and meta-analysis.

Yoon SB, Moon SH, Kim JH, et al. Pancreatology. 2020 Dec;20(8):1611-1619.

<https://pubmed.ncbi.nlm.nih.gov/33060017/>

24.Focal parenchymal atrophy of pancreas: An important sign of underlying high-grade pancreatic intraepithelial neoplasia without invasive carcinoma, i.e., carcinoma in situ.

Nakahodo J, Kikuyama M, Nojiri S, et al. Pancreatology. 2020 Dec;20(8):1689-1697.

<https://pubmed.ncbi.nlm.nih.gov/33039293/>

25.Clinicopathological correlation of radiologic measurement of post-therapy tumor size and tumor volume for pancreatic ductal adenocarcinoma.

Wie D, Zaid MM, Katz MH, et al. Pancreatology 2021, 21 (1) : 200- 207.

<https://pubmed.ncbi.nlm.nih.gov/33221151/>

26.Circulating tumour cells in pancreatic cancer: A systematic review and meta-analysis of clinicopathological implications.

Pang TCY, Po JW, Becker TM, et al. Pancreatology. 2021 Jan;21(1):103-114.

<https://pubmed.ncbi.nlm.nih.gov/33309014/>

27.Usefulness of an immunohistochemical score in advanced pancreatic neuroendocrine tumors treated with CAPTEM or everolimus.

Viúdez A, Crespo G, Gómez Dorronsoro ML, et al. Pancreatology. 2021 Jan;21(1):215-223.

<https://pubmed.ncbi.nlm.nih.gov/33358592/>

28.Prognostic Factors of Survival After Neoadjuvant Treatment and Resection for Initially Unresectable Pancreatic Cancer.

Klaiber U, Schnaidt ES, Hinz U, et al. Ann Surg. 2021 Jan 1;273(1):154-162.

<https://pubmed.ncbi.nlm.nih.gov/30921051/>

29.Neoadjuvant therapy is associated with lower margin positivity rates after Pancreaticoduodenectomy in T1 and T2 pancreatic head cancers: An analysis of the National Cancer Database.

Greco SH, August DA, Shah MM, Chen C, et al. Surg Open Sci. 2020 Dec 16;3:22-28.

<https://pubmed.ncbi.nlm.nih.gov/33490937/>

30.Biliary tract cancer.

Valle JW, Kelley RK, Nervi B, et al. Lancet. 2021 Jan 30;397(10272):428-444.

<https://pubmed.ncbi.nlm.nih.gov/33516341/>

31.Clinicopathologic and Molecular Features of Mixed Neuroendocrine Non-Neuroendocrine Neoplasms of the Gallbladder.

Alawad M, Gupta R, Haseeb MA, Brunicardi FC. Gastroenterology Res. 2020 Dec;13(6):269-278.

<https://pubmed.ncbi.nlm.nih.gov/33447306/>

32.Genomic profiling reveals high frequency of DNA repair genetic aberrations in gallbladder cancer.

Abdel-Wahab R, Yap TA, Madison R, et al. Sci Rep. 2020 Dec 16;10(1):22087.

<https://pubmed.ncbi.nlm.nih.gov/33328484/>

33.Impact of lymph node staging systems in predicting outcome in patients with ampullary cancer.

Saluja SS, Mishra PK, Kiran S, et al. Ann Hepatobiliary Pancreat Surg. 2020 Nov 30;24(4):484-495.

<https://pubmed.ncbi.nlm.nih.gov/33234752/>

34.Molecular characterization of organoids derived from pancreatic intraductal papillary mucinous neoplasms.

Huang B, Trujillo MA, Fujikura K, et al. J Pathol. 2020 Nov;252(3):252-262.

<https://pubmed.ncbi.nlm.nih.gov/32696980/>

35.Diagnostic performance of endoscopic ultrasound through-the-needle microforceps biopsy of pancreatic cystic lesions: Systematic review with meta-analysis.

Tacelli M, Celsa C, Magro B, et al. Dig Endosc. 2020 Nov;32(7):1018-1030.

<https://pubmed.ncbi.nlm.nih.gov/31912580/>

36.Factors Associated With the Risk of Progression of Low-Risk Branch-Duct Intraductal Papillary Mucinous Neoplasms.

Capurso G, Crippa S, Vanella G, et al. JAMA Netw Open. 2020 Nov 2;3(11):e2022933.

<https://pubmed.ncbi.nlm.nih.gov/33252689/>

37.Acute pancreatitis in intraductal papillary mucinous neoplasms correlates with pancreatic volume and epithelial subtypes.

Tanaka T, Masuda A, Sofue K, et al. Pancreatology. 2021 Jan;21(1):138-143.

<https://pubmed.ncbi.nlm.nih.gov/33328127/>

38.Intraductal Papillary Neoplasm of Bile Duct: Updated Clinicopathological Characteristics and Molecular and Genetic Alterations.

Nakanuma Y, Uesaka K, Kakuda Y, et al. J Clin Med. 2020 Dec 9;9(12):3991.

<https://pubmed.ncbi.nlm.nih.gov/33317146/>

39.Risk prediction for malignant intraductal papillary mucinous neoplasm of the pancreas: logistic regression versus machine learning.

Kang JS, Lee C, Song W, et al. Sci Rep. 2020 Nov 18;10(1):20140.

<https://pubmed.ncbi.nlm.nih.gov/33208887/>

40.Hyalinized stroma is a characteristic feature of pancreatic intraductal oncocytic papillary neoplasm: An immunohistochemical study.

Hirabayashi K, Kawanishi A, Morimachi M, et al. Ann Diagn Pathol. 2020 Dec;49:151639.

<https://pubmed.ncbi.nlm.nih.gov/33069084/>

41.Expression of CD117, CK17, CK20, MUC4, villin and mismatch repair deficiency in pancreatic intraductal papillary mucinous neoplasm.

Detlefsen S, Jakobsen M, Nielsen MFB, et al. Pathol Res Pract. 2021 Jan;217:153312.

<https://pubmed.ncbi.nlm.nih.gov/33341087/>

42.Changing trends in the clinicopathological features, practices and outcomes in the surgical management for cystic lesions of the pancreas and impact of the international guidelines: Single institution experience with 462 cases between 1995-2018.

Goh BKP, Park RHS, Koh YX, et al. Pancreatology. 2020 Dec;20(8):1786-1790.

<https://pubmed.ncbi.nlm.nih.gov/33008749/>

43. Molecular analysis of EUS-acquired pancreatic cyst fluid for K-ras and G-nasmutations for diagnosis of intraductal papillary mucinous neoplasia and mucinous cystic lesions: a systematic review and meta-analysis.

McCarty T, Paleti S, Rustagi T. Gastrointest Endosc. 2020 Dec 21:S0016-5107(20)35093-8.

<https://pubmed.ncbi.nlm.nih.gov/33359054/>

44. Pancreatic Cysts-An Overview and Summary of Society Guidelines, 2021.

Ayoub F, Davis AM, Chapman CG. JAMA. 2021 Jan 26;325(4):391-392.

<https://pubmed.ncbi.nlm.nih.gov/33496762/>

45. Anaplastic Carcinoma of the Pancreas: Clinical and Morphological Characteristics.

Podzolkov VI, Pokrovskaya AE, Vargina TS, et al. Case Rep Gastroenterol. 2020 Nov 24;14(3):624-631.

<https://pubmed.ncbi.nlm.nih.gov/33362450/>

46. Comparing Deep Learning and Immunohistochemistry in Determining the Site of Origin for Well-Differentiated Neuroendocrine Tumors.

Redemann J, Schultz FA, Martinez C, et al. J Pathol Inform. 2020 Oct 9;11:32.

<https://pubmed.ncbi.nlm.nih.gov/33343993/>

47. Clinicopathological and immunohistochemical study of 29 cases of solid-pseudopapillary neoplasms of the pancreas in patients under 20 years of age along with detailed review of literature.

Din NU, Rahim S, Abdul-Ghafar J, et al. Diagn Pathol. 2020 Dec 9;15(1):139.

<https://pubmed.ncbi.nlm.nih.gov/33298094/>

48. Involvement of the exocrine pancreas during COVID-19 infection and possible pathogenetic hypothesis: a concise review.

Zippi M, Hong W, Traversa G, et al. Infez Med. 2020 Dec 1;28(4):507-515.

<https://pubmed.ncbi.nlm.nih.gov/33257624/>

49. Solid Tumor Metastases to the Pancreas Diagnosed Using Fine-Needle Aspiration.

Hou T, Stewart JM, Lee JH, Gan Q. Am J Clin Pathol. 2020 Oct 13;154(5):692-699.

<https://pubmed.ncbi.nlm.nih.gov/32651950/>

50. SATB2 in Neoplasms of Lung, Pancreatobiliary, and Gastrointestinal Origins.

De Michele S, Remotti HE, Del Portillo A, et al. Am J Clin Pathol. 2021 Jan 4;155(1):124-132.

<https://pubmed.ncbi.nlm.nih.gov/32914850/>

51. The genetics of ductal adenocarcinoma of the pancreas in the year 2020: dramatic progress, but far to go.

Thompson, E.D., Roberts, N.J., Wood, L.D. et al. Mod Pathol 2020; 33: 2544–2563.

<https://pubmed.ncbi.nlm.nih.gov/32704031/>

52. Grading Solid Pseudopapillary Tumors of the Pancreas: the Fudan Prognostic Index.

Yang F, Wu W, Wang X, et al. Ann Surg Oncol. 2021 Jan;28(1):550-559.

<https://pubmed.ncbi.nlm.nih.gov/32424583/>

53. A Novel Classification of Intrahepatic Cholangiocarcinoma Phenotypes Using Machine Learning Techniques: An International Multi-Institutional Analysis.

Tsilimigras DI, Hyer JM, Paredes AZ, et al. Ann Surg Oncol. 2020 Dec;27(13):5224-5232.

<https://pubmed.ncbi.nlm.nih.gov/32495285/>

54. Detailed Analysis of Margin Positivity and the Site of Local Recurrence After Pancreaticoduodenectomy.

McIntyre CA, Zambirinis CP, Pulvirenti A, et al. Ann Surg Oncol. 2021 Jan;28(1):539-549.

<https://pubmed.ncbi.nlm.nih.gov/32451945/>

Journal Watch Team (in alphabetical order):

1. Daniela Allende (Editor), Cleveland Clinic.
2. Dr. Serdar Balci, Memorial Hospitals Group İstanbul Turkey
3. Dr. Deyali Chatterjee, The University of Texas MD Anderson Cancer Center
4. Dr Deepti Dhall, University of Alabama at Birmingham
5. Dr. Eva Karamitopoulou, Universität Bern Institut für Pathologie
6. Dr. Claudio Luchini, University of Verona
7. Dr. Ilke Nalbantoglu, Yale University
8. Dr. Hanlin Wang, UCLA Medical Center

List of journals reviewed:

1. AJSP
2. Pancreatology
3. Gastroenterology
4. Hepatology
5. Modern Path
6. Histopathology
7. Journal of Molecular Diagnostics
8. Virchows Archives
9. Human Pathology
10. Am J Gastroenterol
11. Pancreas
12. Clin Gastroenterol and Hepatol
13. Gut
14. American J Clin Pathol
15. Archives of Pathol and Lab Med
16. Seminars in Diagnostic Pathology
17. Cancer Cytopathology
18. Journal of American Society of Cytopathology
19. Diagnostic Cytopathology
20. Annals of Surgical Oncology
21. Annals of Surgery
22. Endocrine Pathology
23. Cancer
24. International Journal of Surgical Pathology
25. Generic organ specific searches