

PROFESSOR PATRICK T. F. KENNEDY

PUBLICATIONS (110 peer reviewed publications)

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- 1) Valentina Venzin, Cristian G Beccaria, Chiara Perucchini, Pietro Delfino, Elisa B Bono, Leonardo Giustini, Federica Moalli, Marta Grillo, Valeria Fumagalli, Chiara Laura, Pietro Di Lucia, Katharina Reinhard, Jutta Petschenka, Tana Annmarie Omokoko, Anna Celant, Sabrina Ottolini, Keigo Kawashima, Micol Ravà, Marco De Giovanni, Donato Inverso, Mirela Kuka, **Patrick T F Kennedy**, Martin Williams, Giulia Casorati, Federica Pedica, Maurilio Ponzoni, Uğur Şahin, Nina Le Bert, Antonio Bertoletti, Fulvia Vascotto, Luca G Guidotti, Matteo Iannacone. CD4⁺ T cells license Kupffer cells to reverse CD8⁺ T cell dysfunction induced by hepatocellular priming. **Nat Immunol.** **2025** Jun 30. doi: 10.1038/s41590-025-02199-3. **Online ahead of print.**
- 2) Nina Le Bert, Apostolos Koffas, Rajneesh Kumar, Floriana Facchetti, Anthony T Tan, Upkar S Gill, Lung-Yi Mak, Sophie W Stretch, Tizong Miao, Smrithi Hariharaputran, Shou Kit Hang, Yifei Guo, Qi Chen, Elisabetta Degasperis, Pietro Lampertico, Wan Cheng Chow, Antonio Bertoletti, **Patrick T F Kennedy**. Rapid whole-blood immune profiling reveals heterogeneous HBV-specific T cell response patterns independent of clinical disease phases. **J Hepatol.** **2025** Jun 21:S0168-8278(25)02280-9. doi: 10.1016/j.jhep.2025.06.01.
- 3) Jay Preechanukul, Aljawharah Alrubayyi, Bo Sun, Edward Arbe-Barnes, Jonida Kokici, Frances Gorou, Sarun Prasitdumrong, Kelly A S da Costa, Natasha Fisher-Pearson, Noshin Hussain, Stephanie Kucykowicz, Indrajit Ghosh, Fiona Burns, Sabine Kinloch, Pedro Simoes, Sanjay Bhagani, **Patrick T F Kennedy**, Mala K Maini, Rachael Bashford-Rogers, Upkar S Gill, Dimitra Peppas. Stem-like CD8⁺ T cells preserve HBV-specific responses in HBV/HIV co-infection. **medRxiv [Preprint].** **2025** Apr 3:2025.03.30.25324898. doi: 10.1101/2025.03.30.25324898.
- 4) **Patrick T. Kennedy**, Lena Allweiss, Antonio Bertoletti, Markus Cornberg, Adam J. Gehring, Luca G. Guidotti, Helene A. Kerth, Maud Lemoine, Massimo Levrero, Seng Gee Lim, John E. Tavis, Barbara Testoni, and Thomas Tu. Scientific and Medical Evidence Informing Expansion of HBV Treatment Guidelines. **In press.**
- 5) Wu D, Kao JH, Piratvisuth T, Wang X, **Kennedy PTF**, Otsuka M, Ahn SH, Tanaka Y, Wang G, Yuan Z, Li W, Lim YS, Niu J, Lu F, Zhang W, Gao Z, Kaewdech A, Han M, Yan W, Ren H, Hu P, Shu S, Kwo PY, Wang FS, Yuen MF, Ning Q. Update on the treatment navigation for functional cure of chronic hepatitis B: expert consensus 2.0 **Clin Mol Hepatol.** **2025** Feb;31(Suppl):S134-S164. doi: 10.3350/cmh.2024.0780.
- 6) Douglas L Fink, David Etoori, Robert Hill, Orest Idilli, Nikita Kartikapallil, Olivia Payne, Sarah Griffith, Hannah F Bradford, Claudia Mauri, **Patrick T F Kennedy**, Laura E McCoy, Mala K Maini, Upkar S Gill. Auto-antibodies against interferons are common in people living with chronic hepatitis B virus infection and associate with PegIFNα non-response. **JHEP Rep.** **2025** Feb 28;7(5): 101382.doi: 10.1016/j.jhep.2025.101382
- 7) Lei Y, Mohamed A, **Kennedy PT**. Minimising Risk in CHB Management: A Zero-Risk Approach. **J Viral Hepat.** **2024** Dec;31 Suppl 2:56-60. doi: 10.1111/jvh.14034. Epub 2024 Nov 8.
- 8) Zoulim F, Chen PJ, Dandri M, **Kennedy PT**, Seeger C. Hepatitis B virus DNA integration: Implications for diagnostics, therapy, and outcome. **J Hepatol.** **2024** Dec;81(6):1087-1099. doi: 10.1016/j.jhep.2024.06.037.

- 9) Efthymiou A, **Kennedy PT**. Preoperative gastric retention in endoscopic retrograde cholangiopancreatography. **World J Gastrointest Surg.** **2024** Nov 27;16(11):3632-3635. doi:10.4240/wjgs.v16.i11.3632.
- 10) Robert G Gish, Robert J Wong, Gian Luca Di Tanna, Ankita Kaushik, Chong Kim, Nathaniel J Smith, **Patrick TF Kennedy**. The causal analysis of missing confounding-factors for the association between HDV with specific liver events. **Hepatology.** **2024** Oct 1;80(4):E50-E52.DOI:10.1097/HEP.0000000000001025.
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- 13) Fabien Zoulim, Pei-Jer Chen, Maura Dandri, **Patrick Kennedy**, Christoph Seeger. Hepatitis B Virus DNA integration: Implications for diagnostics, therapy, and outcome. **J Hepatol.** **2024** Jul 4:S0168-8278(24)02343-2. doi: 10.1016/j.jhep.2024.06.037.
- 14) Jane Abbott; Natalie V. J. Aldhouse; Helen Kitchen; Hannah C. Pegram; Fiona Brown; Malcolm Macartney; Angelina Villasis-Keever; Urbano Sbarigia; Tetsuro Ito; Eric K.H. Chan; **Patrick T. Kennedy**. A Conceptual Model for Chronic Hepatitis B and Content Validity of the Hepatitis B Quality of Life (HBQOL) Instrument. **J Patient Rep Outcomes.** **2024** Mar 4;8(1):29.doi: 10.1186/s41687-023-00675-8.
- 15) Mak LY, Koffas A, Dolman GE, Saleh H, Kemos P, Riddell A, Gill U, **Kennedy PTF**. Role of HBsAg levels in guiding hepatitis B virus prophylaxis in pregnancy: Insights from a multi-ethnic cohort. **J Viral Hepat.** **2024** Jan;31(1):3-11. doi: 10.1111/jvh.13893.
- 16) Georgia Zeng, Benjamin R. Holmes, Saleh A. Alqahtani, Upkar S. Gill and **Patrick T. F. Kennedy** *The co-existence of NAFLD and CHB is associated with suboptimal viral and biochemical response to CHB antiviral therapy: a systemic review and meta-analysis. **Font. Gastroenterol.,** **2024 Jan 24** Sec. Hepatology. doi:10.3389/fgstr.2024.1333988
- 17) Romina Salpini, Valentina Svicher, **Patrick T Kennedy**. The Current Challenges Underlying Hepatitis D Virus Infection. **Editorial.** **2024** Jan 8:10:1355027.doi:10.3389/fmed.2023.1355027.
- 18) Gish RG, Wong RJ, Di Tanna GL, Kaushik A, Kim C, Smith NJ, **Kennedy PTF**. Association between hepatitis delta virus with liver morbidity and mortality: A systematic literature review and meta-analysis. **Hepatology.** **2023** Oct 23. doi: 10.1097/HEP.0000000000000642.
- 19) Mak LY, Koffas A, Dolman GE, Saleh H, Kemos P, Riddell A, Gill U, **Kennedy PTF**. Role of HBsAg levels in guiding hepatitis B virus prophylaxis in pregnancy: Insights from a multi-ethnic cohort. **J Viral Hepat.** **2023** Oct 26. doi: 10.1111/jvh.13893.
- 20) Barbara Testoni, Armando Andres Roca Suarez, Arianna Battisti, Marie-Laure Plissonnier, Marantha Heil, Thierry Fontanges, François Villeret, Yasmina Chouik, Massimo Levrero, Upkar Gill, **Kennedy P**, Fabien Zoulim. Evaluation of the HBV Liver Reservoir with Fine Needle Aspirates. **JHEP Rep.** **2023** Jul 11;5(10):100841. doi: 10.1016/j.jhepr.2023.100841.

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- 22) Young-Suk Lim, W. Ray Kim, Douglas Dieterich, Jia-Horng Kao, John F. Flaherty, Leland J. Yee, Lewis R. Roberts, Homie Razavi, **Patrick T. F. Kennedy**. Evidence for Benefits of Early Treatment Initiation for Chronic Hepatitis B. **Viruses.** **2023** Apr; 15(4): 997. Published online 2023 Apr 18. doi: 10.3390/v15040997
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- 26) Khalfi P, **Kennedy PT**, Majzoub K, Asselah T. Hepatitis D virus: Improving virological knowledge to develop new treatments. **Antiviral Res.** **2023** Jan;209:105461. doi: 10.1016/j.antiviral.2022.105461.
- 27) Hardt K, Vandebosch A, Sadoff J, Le Gars M, Truyers C, Lowson D, Van Dromme I, Vingerhoets J, Kamphuis T, Scheper G, Ruiz-Guiñazú J, Faust SN, Spinner CD, Schuitemaker H, Van Hoof J, Douoguih M, Struyf F; **ENSEMBLE2 study group**. Efficacy, safety, and immunogenicity of a booster regimen of Ad26.COV2.S vaccine against COVID-19 (ENSEMBLE2): results of a randomised, double-blind, placebo-controlled, phase 3 trial. **Lancet Infect Dis.** **2022** Dec;22(12):1703-1715. doi: 10.1016/S1473-3099(22)00506-0.
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- 29) Mak LY, Beasley I, **Kennedy PTF**. Chronic Viral Hepatitis in Elite Athletes: Approaches to Risk Assessment, Prevention and Management. **Sports Med Open.** **2022** Oct 4;8(1):123. doi: 10.1186/s40798-022-00517-9.
- 30) Salpini R, D'Anna S, Benedetti L, Piermatteo L, Gill U, Svicher V and **Kennedy PTF**. Hepatitis B virus DNA integration as a novel biomarker of hepatitis B virus-mediated pathogenetic properties and a barrier to the current strategies for hepatitis B virus cure. **Front Microbiol.** **2022** Sep 13:972687. doi: 10.3389/fmicb.2022.972687.
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Huang Y, Maini MK, Stamatakis Z. The human liver microenvironment shapes the homing and function of CD4+ T-cell populations. *Gut.* **2022** Jul;71(7):1399-1411. doi: 10.1136/gutjnl-2020-323771.

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- 33) Usai C, Gill US, Riddell AC, Asselah T, **Kennedy PT**. Emerging insights into the immunopathology, clinical and therapeutic aspects of hepatitis delta virus. *Aliment Pharmacol Ther.* **2022** Apr;55(8):978-993. doi: 10.1111/apt.16807.
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