

Curriculum Vitae for Dr. Thomas Tu, Ph.D., B.Sc.(Hons)

PhD. Conferral: 31st December 2012
E-mail: t.tu@sydney.edu.au
ORCID: 0000-0002-0482-4387

Date updated: 07/06/2025

Scopus Author ID: 55858515500

Research interests:

- Molecular mechanisms of hepatitis B virus (HBV) infection persistence and HBV DNA integration.
- Long-term host-virus interactions and their roles in disease progression during chronic HBV infection.
- Early stages of liver cancer initiation and the clonal expansion of altered hepatocytes.
- The broader impacts of chronic hepatitis B from the perspective of the affected community

Academic Qualifications:

Ph.D. in Sciences, 2008-2013

Hepatitis Virus Research Laboratory,
School of Molecular and Biomedical Sciences, University of Adelaide.
Supervisors: A/Prof. Allison Jilbert (primary), Dr. Uwe Stroehler (secondary)
Funded by Postgraduate Study Divisional Ph.D. Scholarship, University of Adelaide.
Thesis Title: Clonal proliferation of hepatocytes during chronic hepatitis B virus infection.

Bachelor of Science Honours, 2007, Hepatitis B Virus Research Laboratory

School of Molecular and Biomedical Sciences, University of Adelaide.
Thesis Title: Clonal proliferation of hepatocytes during chronic hepatitis B virus infection.
Supervisor: A/Prof. Allison Jilbert.

Bachelor of Science, 2004-2006, University of Adelaide.

Majors in Microbiology and Physiology, University of Adelaide.

Academic Employment:

Sep 2019 to Present

Adjunct Associate Professor (since July 2022)

(Senior Research Fellow, Sept 2019-Jul 2022)

Group Leader – Molecular Viral Hepatitis group

Storr Liver Centre
Westmead Institute for Medical Research and University of Sydney
Sydney, Australia
Mentored by Prof. Jacob George

Oct 2015 to Aug 2019

Postdoctoral Researcher

Molekular Virologie, Zentrum für Infektiologie
Universitätsklinikum Heidelberg, Germany
Mentored by Prof. Dr. Stephan Urban

Oct 2012 to Oct 2015

Postdoctoral Researcher

Liver Injury and Cancer Laboratory
Centenary Institute, Sydney, NSW, Australia
Mentored by Associate Professor Nicholas Shackel

Apr 2008 to Sep 2012

Demonstrator & Tutor in Undergraduate Courses:

Infection and Immunity III, Biochemistry III, Civil and Environmental Engineering III, Medical Microbiology and Immunology II, Medicine I
Discipline of Microbiology and Immunology
School of Molecular and Biomedical Science (SMBS)
Faculty of Sciences, University of Adelaide, Australia

Jun 2010 to Jul 2010

Demonstrator for Virology Master Class

University of Adelaide and IMVS (Now SA Pathology)

Grants and Awards:

Investigator on external competitive grants totalling >\$22M AUD (>\$3M as CIA).

Grants as Chief Investigator A:

Funding body	Role	Grant Type	Project Title	Years	Amount
GSK	CIA	Investigator sponsored research	<i>The BRIGHTEST project (Blood Result Interpreter, Getting Hep-B Tests into Everyday Simple Terms)</i>	2025-2027	AUD \$100,000
.au domain administration	CIA	Project Grant	<i>The BRIGHTEST project (Blood Result Interpreter, Getting Hep-B/-D Tests into Everyday Simple Terms)</i>	2025-2026	AUD \$40,000
NHMRC	CIA	Ideas Grant	<i>Overcoming viral persistence to cure Hepatitis B</i>	2025-2029	AUD \$1,288,133
ACH ⁴ (Formerly ACH ²)	CIA	Project Grant	<i>Novel curative therapies targeting cells that maintain HBV covalently closed circular DNA</i>	2025	AUD \$50,000
Gilead Sciences	CIA	SPEARHEAD-RFP	<i>The BRIGHTEST project (Blood Result Interpreter, Getting Hep-B/-D Tests into Everyday Simple Terms)</i>	2025-2027	AUD \$295,542
NSW Ministry of Health	CIA	NSW Health & Medical Research Sponsorship	<i>2024 Westmead Research Hub EMCR Symposium</i>	2024	AUD \$4,500
Gilead Sciences	CIA	Fellowship (All4Liver)	<i>STEP BE-OND: Supporting, Training, and Engaging People with hepatitis B to Establish and Open New Dialogues</i>	2024	AUD \$50,000
ACH ⁴	CIA	Project Grant	<i>Cyclic peptide-based assays to increase access to hepatitis B diagnosis and testing</i>	2024	AUD \$50,000
Paul & Valeria Ainsworth	CIA	Fellowship	<i>Precision medicine approaches to prevent the impacts of CHB</i>	2023-2026	AUD \$480,000
GESA	CIA	Project Grant	<i>Curing chronic hepatitis B by targeting virus reservoirs</i>	2022-2023	AUD \$50,000
Gilead Sciences	Co-CIA	Collaborative project	<i>Online HBV train the trainer program</i>	2022-2023	AUD \$60,000
Excision Biosciences	CIA	Collaborative research grant	<i>Use of designer nucleases for cccDNA degradation</i>	2022-2023	USD ~\$60,000
Gilead Sciences	CIA	Investigator Sponsored Research Grant	<i>Investigating Treatment Engagement and Monitoring in Hepatitis B (ITEM-B)</i>	2022-2024	AUD \$166,000
ACH ²	CIA	Project Grant	<i>Quantifying integrated and episomal HBV DNA in fine needle aspirate liver biopsies</i>	2019-2021	AUD \$130,500
ACH ²	CIA	Project Grant	<i>A humanised mouse model for testing HBV cccDNA-targeting therapies</i>	2015-2016	AUD \$170,000
Sydney Medical School	CIA	ECR PhD Supervisor Award	<i>Scholarship for Magdalena Budzinska (Granted, declined due to postponed studies)</i>	2015-2018	AUD \$92,547

Grants as supporting investigator:

Funding body	Role	Grant Type	Project Title	Years	Amount
ACH ⁴	AI	Project Grant	<i>Measuring Hepatitis B Virus evolutionary speed as a novel prognostic biomarker for clinical outcomes</i>	2025	AUD \$50,000
CIHR	PI	Catalyst Grant	<i>Promoting Equitable Access to Hepatitis B Screening and Treatment in Canada: An Evidence Synthesis Study Using an Integrated Knowledge Translation Approach</i>	2025	CAD \$100,000
GESA	AI	Project Grant	<i>Developing a memory NK cell-based cellular therapy targeting hepatitis B virus</i>	2024-2025	AUD \$50,000
NHMRC	AI	Clinical Trial and Cohort Grant	<i>Precision Medicine in Liver Cancer a National Consortium for Spatial and Molecular Phenotyping of HCC</i>	2024-2029	AUD \$6M (+\$10M in-kind from industry)
NHMRC	PI	Partnership Grant	<i>A systematic co-designed approach to reducing liver cancer in First Nations peoples: Hep B PAST Plus</i>	2024-2029	AUD \$1.5M
Theo Murphy Initiative	Co-CI	Flagship grant	<i>EMCR symposium</i>	2023	AUD \$14,500
NHMRC	AI	Ideas Grant	<i>Optimising treatment of Hepatitis B with novel predictive biomarkers</i>	2023-2026	AUD \$1,210,387
ACH ⁴	CID	Project Grant	<i>Building active surveillance systems to track HCV and antiviral resistance</i>	2022	AUD \$50,000
NHMRC	CIB	Ideas Grant	<i>Inhibiting host TM6SF2 to cure Hepatitis B</i>	2021-2023	AUD \$684,841
ACH ²	CIB	Project Grant	<i>Development of a diagnostic assay to measure HBV cccDNA</i>	2021	AUD \$88,000
ACH ²	CIB	Project Grant	<i>Transcription of integrated HBV DNA as a marker of chronic HBV treatment outcome</i>	2018	AUD \$88,000
DZIF	Named investigator	Project Grant	<i>Sequencing integrated Hepatitis B virus DNA in in vitro infection models</i>	2016	EUR €49,000

NHMRC, National Health & Medical Research Council; ACH⁴, Australian Centre for HTLV, HIV, HBV & HCV Virology; DZIF, German Centre of Infectious Disease Research

- **Recipient of the 2024 LiverWELL Mark Farmer award**
- **Highly Commended Finalist in the Unsung Hero Category, Sydney Awards 2024**
- **Finalist in the People's Choice Category, Sydney Awards 2024**
- **Recipient of the New South Wales 2022 Young Tall Poppy Science Award**
- Recipient of the Westmead Institute Scientific Excellence 2024 award
- Best Poster at German Centre for Infectious Disease Research (DZIF) Annual Meeting 2018, EUR €500
- Yvonne Cossart HBV Travel Award, 2018 and 2015 Australian Centre for HIV and Hepatitis Virology Workshop, AUD \$4000 and \$2500
- Young Investigator Travel Grant Award, 2019, 2018, 2017, 2016 and 2013 International Meeting for Molecular Biology of HBV, USD \$1,135, \$750, \$950, \$300 and \$1250
- Centenary Institute 2015 Prize for Team Excellence (CI Gender Equity Program), AUD \$500
- Centenary Institute 2014 Prize for Team Excellence (CI Social Committee), AUD \$500
- Centenary Institute 2014 International Conference Travel Award, AUD \$3000
- Senior author on top-scoring abstract, 2014 and 2015 International Liver Cancer Association Conferences

- Integrated Science Young Achievement award at Australian Centre for HIV and Hepatitis Virology Workshop 2011, AUD \$500
- 2009, 2010 & 2011 University of Adelaide School Postgraduate Travel Award, \$1000, \$500, & \$500
- 2008-2011 Postgraduate Study Divisional Ph.D. Scholarship, University of Adelaide, AUD \$21,000 PA
- Travel Grant for 2009 & 2010 International Meeting for Molecular Biology of HBV, USD \$800 & \$1100

Teaching, Mentoring and Lab Leadership:

- **Founder and lead organiser**, Emerging Researcher Workshop for the International meeting for the Molecular Biology of Hepatitis B Viruses (2023-)
- **Founder and Program Coordinator** for the Westmead Research Hub Mentoring Program (2022-, 4 rounds - 160 participants in total)
- **Executive member**, Westmead Research Hub EMCR committee (2021-, **Deputy Chair** 2023-2025)
- **Deputy Chair**, Westmead Institute for Medical Research Career Development committee (2024-)
- Direct supervisor for 10 PhD students (6 to completion), 1 Masters student to completion, 4 Honours students to completion, 2 undergraduate students, 3 visiting scientists, 2 project managers, and 9 research assistants
- Mentored and assisted an additional 4 EMCRs, 8 Ph.D. candidates, and 2 Honours students
- Teaching for University of Sydney
 - Assessing honours orals (03/03/2025, 5hrs)
 - Dalyell student supervision (2024)
- Certified completion of EMBL Laboratory Leadership Course (22 training hours), 4th July 2019
- Certified completion of University of Sydney Mentoring Skills for Leaders Course, 29th November 2019

Conferences

- International conference abstracts: author on 55 orals (**34 as invited speaker**) and 23 posters
- National conference abstracts: author on 68 orals (**25 as invited speaker**) and 22 posters
- Invited speaker at **19 external institutional colloquia**

Professional Activities:

Leadership

- **Western Pacific Region board representative**, World Hepatitis Alliance (2024-)
- **Co-founder, Deputy Chair, Secretary and Director** of Hepatitis B Voices Australia, national community advocacy group supporting and led by people affected by Hepatitis B (2022-)
- **President** of Australian Centre for Hepatitis Virology (2021-; Secretary 2020-2021)
- **Founder and Executive Director** of HepBcommunity.org, an online support network for people living with HBV to connect with each another and with medical/scientific experts in the field (2020-, >2500 users)
- **Board Director** for Hepatitis Australia (2020-2022)
- Member of the AASLD HBV SIG (2025-)
- Co-convener for the 2026 International Meeting for the Molecular Biology of Hepatitis B Viruses (2024-)
- Committee member of the National WHOCC Research Advisory Group (2023-)
- Committee member for NSW Ministry of Health Hepatitis B Strategy Implementation program (2023-)
- Steering committee member of the Hepatitis B Forum for Collaborative Research, USA (2022-)
- Hepatitis B Community Advisory Board Member for the Hepatitis B Foundation, USA (2022-)
- Member of WIMR Scientific Faculty and Career Development Committees (2022-)
- Committee member of the Australian National Hepatitis B Strategy Targets Workshop (2022-)
- Member for the Australian Centre for HIV and Hepatitis Virology Research executive board (2022-)
- Lead coordinator of the Train the Trainer resource for HBV, partnering with Gilead Sciences (2021-)
- Committee member of Hepatitis B Foundation (PA, USA) Anti-Discrimination Working Group (2021-)
- Emerging Scientific and Medical Advisory Board Member for the Hepatitis B Foundation, USA (2021-)
- Administrator of the Hepatitis B Information and Support List (HBlist.net), an international listserv of ~1000 people dedicated to sharing information about the lived experience of HBV (2020-2021)
- Committee member of International Coalition to Eliminate HBV Stakeholder Consulting Group (2020-)

Service to academic community

- Invited peer reviewer for NHMRC project grant (2018) and Ideas grant (2021-2023) applications
- **Handled >50 manuscripts as editor**
 - Associate Editor for *Virology Journal* (2023-)
 - Editorial board member for *Hepatoma Research* (2021-)

- Editorial board member for *Frontiers in Microbiology (Virology)* (2019-)
- Guest editor for *Virology* special issue “Hepatitis B Virus” (2023-2024)
- Guest editor for *Viruses* special issue “Hepatitis B Virus: New Breakthroughs to Conquer an Ancient Disease” (2022-2023)
- Guest editor for *Viruses* special issue “Hepatitis B virus: from Diagnostics to Treatments” (2019-2021)
- **Reviewed >100 manuscripts** – Invited manuscript peer reviewer for journals including: *Cell*; *Nature Communications*; *Nucleic Acids Research*; *Gastroenterology*; *Hepatology*; *Journal of Hepatology*; *Hepatology Communications*; *Current Opinion in Virology*; and *Journal of Virology*.
- Invited Session Chair for APASL (2025)
- Invited panel member for Ideas Grant Panel discussion, Westmead EMCR event (2025)
- Organisation board committee member for the Australasian Viral Hepatitis conferences (2022, Executive for 2024 and 2025)
- Organisation committee member for the ASHM Hepatitis B S100 Prescriber Forum (2023-2025)
- Organisation committee member for the Australasian Viral Hepatitis conferences (2022-, executive 2024-)
- Western Sydney Local Health District Institutional Biosafety Committee Representative (2022-)
- Biosafety Expert Consultant for WIMR Institutional Biosafety Committee (2022-)
- Oral award judging panel member for the 2022 Westmead Research Hub EMCR symposium (2022)
- Abstract and Oral award judging panel member for the 2022 International Meeting for the Molecular Biology of Hepatitis B Viruses (2022-)
- Progress Evaluation Meeting Panel member for University of Sydney postgraduate students (2021-)
- Chair for Liver Cancer session of International meeting for the Molecular Biology of HBV (2021, 2023)
- Chair for Viral Hepatitis session of Gastroenterological Society of Australia (GESA) Australian Gastroenterology Week, Virtual Conference (2021)
- Member of the Western Sydney Local Health District Institutional Biosafety Committee (2020-)
- Member of the Westmead Hub Early and Mid-Career Researcher Committee (2020-)
- Organiser of German Association for the Study of the Liver (GASL) Annual Meeting (2019)
- Organiser of the FALK workshop on Viral Hepatitis, Chronic Inflammation, and Liver Cancer” (2019)
- Invited Session Chair for Australian Centre for Hepatitis and HIV Virology Meeting (2021, 2018 & 2014)
- Judge for oral awards at Australian Centre for Hepatitis and HIV Virology Meeting (2021, 2018)
- Chair for Centenary Institute Ph.D. student seminar series (2015)
- Organiser of Centenary Institute Local Sydney Area Liver Cancer meetings (2015)
- Examiner for Sydney University Honours programs (2014-)

Advising and community advocacy

- Advisory Board member for GSK Australia (2024-)
- Member of the NSW Hepatitis B Strategy Implementation group for the Department of Health (2024-)
- Member of the External Review Group for the 2024 WHO Guidelines for the prevention, diagnosis, care and treatment for people with chronic hepatitis B infection (2023-2024)
- Invited speaker at World hepatitis day parliamentary roundtable event (Canberra, Australia, 28th July 2022)
- Invited speaker at the WHO World hepatitis day panel discussion (28th July 2022)
- Member of the NSW Hepatitis B Strategy Consultation group for the Department of Health (2021-2024)
- Invited advisor for GSK Digital Education Global Steering Advice Group (2021-)
- Invited speaker for GSK “Ambitious for Patients” internal event (Oct 2021)
- Invited Consultant for Excision Bio (2021-)
- Advisory Group Member for the Centre for Social Research in Health (University of Sydney) Stigma Indicators Program (2021-)
- Invited speaker for short course “Enhancing trust, reducing stigma for effective and equitable health care” developed by Centre for Social Research in Health, UNSW (2021)
- Invited Advisory Committee member for Observational, Population-based Registry in Australia of Cancer of the Liver Epidemiology and Survival (HCC ORACLES) study, a national program for quality indicators of liver cancer (2021-)
- Invited panel member for the Australian Government Department of Health Ministerial Advisory Council for Blood Borne Viruses and Sexually Transmissible Infections (MACBBVSTI) - Hepatitis B roundtable (2021)
- Invited member of National HBV Consensus Statement Community Oversight Group (2019-2020)
- Invited Advisory Committee member for Gilead Science’s Virtual Medical Affairs Advisory Program (2020)
- Invited panel member and patient advocate for 2020 Spotlight on Hepatitis B Forum (Victorian Hepatitis B Alliance-organised event) (Aug 2020)

- Invited panel member and patient advocate for US FDA Patient Focused Drug Development Meeting on Chronic Hepatitis B (Jun 2020)
- Invited community advocate for the World Hepatitis Alliance White Paper advisory group (2020)

Media and science communication

- Interviewed by HepBFree (May 2025)
- Interviewed by This Week in Virology (May 2025) - https://www.youtube.com/watch?v=5LM8hd_zY-g
- Featured in the New Yorker (Dec 2024) - <https://www.newyorker.com/science/annals-of-medicine/a-cancer-causing-virus-hiding-in-millions-of-americans>
- Invited interviewee for Busy Mums radio show on Alive 90.5 community radio (Nov 2024) - https://www.youtube.com/watch?v=hIioZw_sVso&t=52s
- Interviewed by Dai Le MP for Instagram story (Aug 2024) - https://www.instagram.com/dai_le/reel/C9j7VuXPS1H/?locale=en_US&hl=am-et
- Interviewed by Roche (Aug 2024) - https://diagnostics.roche.com/au/en_gb/article-listing/health-topics/infectious-diseases/viral-hepatitis.html
- Featured in WIMR Discovery Magazine (June 2024) - https://www.westmeadinstitute.org.au/wp-content/uploads/2024/11/WIMR_DiscoveryMagazine_Issue_07.pdf
- Featured in the Australian Quarterly (Jan 2024) - <https://aq.magazine.com.au/>
- Writer and Presenter of “What do we mean by Hepatitis B cure?”, an episode of HBV Cure FAQs, a community tool empowering the community by equipping them with the knowledge needed to understand research for Hepatitis B - <https://www.youtube.com/watch?v=m-AkX9PJzgY>
- Interview subject for Career Evolution: STEM initiative, run by Western Sydney Business Connection for school students in Southwest Sydney to encourage careers in STEM - <https://www.youtube.com/watch?v=DT5OIb-2WW0>
- Interview subject of 2 articles in *Nature* (Mar 2022) - <https://doi.org/10.1038/d41586-022-00812-1>; <https://doi.org/10.1038/d41586-022-00816-x>
- Invited interviewee for LiverWELL podcast (Dec 2021)
- Invited panel member for Meet the Researcher webinar on Personalised Medicine, WIMR (Nov 2021)
- Central subject for “Routine vaccines, Extraordinary impact: Hepatitis B” article series by Gavi, the vaccine alliance (Nov 2021) - <https://www.gavi.org/vaccineswork/routine-vaccines/extraordinary-impact-hepatitis-b>
- Invited interviewee for ShootStar HBV awareness campaign run by Hepatitis NSW (Sep 2021) - <https://www.youtube.com/watch?v=b6cZ3MKdTIg>
- Interview for Hope 103.2 Radio Program on HepBcommunity.org (Aug 2021) - <https://hope1032.com.au/stories/culture/podcasts/2021/dr-thomas-tu-the-scientist-who-found-hope-by-researching-his-own-disease/>
- Invited interviewee for *The Limbic* (Sep 2021)
- Organiser, host, and panel member of public event *Viral Hepatitis: improving lives with medical research - a panel discussion* (Jul 2021) - <https://youtu.be/rVEnz4PtrEY>
- Interview for *B Heppy* on hepBcommunity.org, Hepatitis B Foundation podcast (Jul 2021)
- Interview for *HepVoices* on hepBcommunity.org, World Hepatitis Alliance newsletter (Apr 2021)
- Interview for *The Pulse* on hepBcommunity.org, Western Sydney Health newsletter (Apr 2021)
- Public engagement with the 1000-person HBV-affected community on Hepatitis B Information and Support List (<http://www.hblist.net>) as a virology expert (2019-Present, **Administrator** since 2020)
- Interviewee for TV and radio appearances to advocate for people affected by hepatitis B (SBS news; ABC Health; ABC Radio) (Nov 2019)
- Feature of Boast and Toast initiative in Sydney Catalyst March newsletter (2014)
- Sydney Catalyst December newsletter Member in Focus (2013)
- Subject of Featured Article in The Australian national newspaper (May 31st 2013)
- Blogger for Centenary Institute’s *Research for life* blog (2013)
- Regular Invited Guest Lecturer, Immanuel College presenting “Why do science?” (2011-2012)
- Invited Speaker for “Rally for Research – Adelaide” against cuts in NHMRC funding (2011)
- Invited Interviewee for Triple J’s *Hack* radio program on cuts to NHMRC funding (2011)
- Demonstrator for Faculty of Sciences ASPIRE outreach program, University of Adelaide (2011)
- Invited Speaker and Demonstrator for ScienceAlive, National Science Week (2011)
- Published 5 articles for “Can you believe it?” column in *The Advertiser* (2009-2011)
- Blog co-founder and co-author of “Disease of the Week”, diseaseoftheweek.wordpress.com (2009-2011)
- Laboratory demonstrator for SMBS High School Outreach Programs (2008-2009, 2011)

- Invited Guest Lecturer, Snowtown Area School presenting “Why do science?” (2010)
- Invited Guest Lecturer, South Australian Museum presenting “Hep B & Me” (2010)
- Certified completion of ASC SA Media Training Course (2010)
- Invited Guest Lecturer, Walford Anglican Girls College presenting “Why do science?” (2010)
- Invited Panel Member for Science Blogging public event, Australian Science Communicators (2010)
- Science Editor for Adelaide University Student newspaper *On Dit* (2006)
- Contributing author of regular column in *On Dit* “Disease of the week” (2006)

Full list of publications:

Published Manuscripts (* = Equal Contribution; # = Corresponding Author)

1. **Tu, T.#**, Verrier E, Testoni B (2025).
Virology special issue: Hepatitis B
Virology, DOI: 10.1016/j.virol.2025.110550
2. Beatty JA#, **Tu T**, Cullen JM. (2025)
Domestic cat hepadnavirus, a hepatitis B-like virus associated with feline liver disease
Veterinary Clinics of North America: Small Animal Practice, DOI: 10.1016/j.cvsm.2025.03.006
3. Monson EA, Loterio RK, Roby JA, Adhikari A, Bull RA, Carr JM, Chatzileontiadou DSM, Cheng CX, Coulibaly F, Davis SK, Deerain JM, Douglas MW, Drummer HE, Eyre NS, Freppel W, Gowripalan A, Grant EJ, Gras S, Guthmiller JJ, Herrero LJ, Hespington E, Horsburgh BA, Hyde JL, Koutsakos M, Mackenzie JM, Mahar JE, McCoullough LC, McMillan CLD, Modhiran N, Parry RH, Purcell DFJ, Rawle DJ, Slonchak A, Speck PG, Tachedjian G, **Tu T**, Moseley GW, Fraser JE, Tate MD. (2025).
Twelfth scientific biennial meeting of the Australasian Virology Society: AVS12 2024.
Journal of Virology, DOI: 10.1128/jvi.02255-24
4. Chen MC, Cavasin JP, **Tu T**, Van Brussel K, Nekouei O, Cullen JM, Piccione J, Gold R, Lidbury J, Steiner JM, Beatty JA. (2025).
Domestic cat hepadnavirus is detected infrequently in feline blood and liver samples submitted for diagnostic testing in Texas, USA.
Virology, DOI: 10.1016/j.virol.2025.110506.
5. **Tu, T.#**, N. Yussf, L. Tran, K. Ngo, S. Wang, A. Mondel, I. Purcell, J. Chen, W. Lo, B. Ansah, K. Kabagambe, S. Basu, D. Lee, S. Chantschool, C. Munoz, I. Dragojevic, M. Korenjak, F. Borondy-Jenkins, Y. Ibrahim, B. Zovich and C. Cohen (2025).
Best practices for engaging with affected communities: chronic hepatitis B as a case study.
Infectious Diseases of Poverty, DOI: 10.1186/s40249-025-01288-7
6. Li D., Ho V., Teng C.F., Tsai H.W., Liu Y., Bae S., Ajoyan H., Wettengel J., Protzer U., Gloss B.S., Rockett R.J., Al Asady R., Li J., So S., George, J., Douglas M., and **Tu T.#**, (2025)
Novel digital droplet inverse PCR assay shows that natural clearance of Hepatitis B infection is associated with fewer viral integrations
Emerging Microbes and Infections, DOI: 10.1080/22221751.2025.2450025
7. Freeland C, Wallace J, Wang S, Okinedo P, Kabagambe K, Owusu-Ansah T, Lee D, Adjei CA, **Tu T**, Cohen C.# (2024)
The urgent need to end hepatitis B stigma and discrimination.
Lancet Gastroenterology and Hepatology, DOI: 10.1016/S2468-1253(24)00389-3.
8. **Tu T.#**, McQuaid T.J., Jacobson I.# (2024)
HBV-Induced Carcinogenesis: Correlations Between Risk Reduction, Treatment, and Viral Suppression
Hepatology International, DOI: 10.1111/liv.16202
9. Li D., Hamadani Y., and **Tu T.#**, (2024)
Hepatitis B viral protein HBx: Roles in viral replication and hepatocarcinogenesis
Viruses, DOI: 10.3390/v16091361
10. Zovich B, Patel P, **Tu T**, Wang S, Jubah D, Zagorski J (2024)
Perspectives of people living with chronic hepatitis D: Impact of disease and unmet needs along the care cascade
Journal of Viral Hepatitis, DOI: 10.1111/jvh.14005
11. Freeland C, Qureshi A, Wallace J, Kabagambe K, Desalegn H, Munoz C, Lee D, Owusu-Ansah T, Adda D, Ndow G, Yousif S, Abdalla H, Kheir O, **Tu T**, and Cohen C.# (2024)
Hepatitis B discrimination: global responses requiring global data.
BMC Public Health, DOI: [10.1186/s12889-024-18918-8](https://doi.org/10.1186/s12889-024-18918-8)

12. HBV2023; Allweiss L, Cohen C, Dias J, Fumagalli V, Guo H, Harris JM, Hu J, Iannaccone M, Isogawa M, Jeng WJ, Kim KH, Kramvis A, Li W, Lucifora J, Muramatsu M, Neuveut C, Ploss A, Pollicino T, Protzer U, Tan A, Tanaka Y, **Tu T**, Tsukuda S, Thimme R, Urban S, Watashi K, Yuan Z, Yeh SH, McKeating JA, Revill PA. (2024).
Highlights from the 2023 International Meeting on the Molecular Biology of Hepatitis B virus.
Journal of General Virology, DOI: 10.1099/jgv.0.001978
13. Downs L, Kabagambe K, Williams S, Waddilove E, Delphin M, Lumley SF, Ndungutse R, Kimono B, Newton R, Ko J, Martyn E, Carter J, Kemper A, Monteiro F, O'Regan S, Surey J, Sultan B, Storey A, MacDonald D, **Tu T**, Seeley J, Dusheiko G, Maponga T, Andersson M, Spearman CW, Tucker JD, Cohen C, Wang S, Adda D, Freeland C, Halford R, Jack K, Ghosh I, Elsharkawy AM, Matthews PC, and Flanagan S (2024)
Peer support for people living with Hepatitis B Virus - a foundation for treatment expansion.
Journal of Viral Hepatitis, DOI: 10.1111/jvh.13952
14. Ibrahim Y[#], Zovich B, Ansah B, Freeland C, Jackson M., **Tu T**, Cohen C. (2024)
Quality of life of people living with chronic hepatitis B: The role of social support system.
PLOS Global Public Health, DOI: [10.1371/journal.pgph.0003103](https://doi.org/10.1371/journal.pgph.0003103)
15. **Tu, T.**[#], Wettengel, J., Xia, Y., Testoni, B., Littlejohn, M., Le Bert, N., Ebert, G., Verrier, E.R, Tavis, J.E, Cohen, C. (2024)
Major open questions in the Hepatitis B and D field – proceedings of the inaugural International Emerging Hepatitis B and Hepatitis D Researchers Workshop,
Virology, DOI: [10.1016/j.virol.2024.110089](https://doi.org/10.1016/j.virol.2024.110089).
16. Selvamani S.P., Khan A., Tay E.S.E., Garvey M., Ajoyan H., Diefenbach E., Gloss B.S., **Tu T.**, George J., and Douglas M. [#] (2024)
Hepatitis B virus and hepatitis C virus affect mitochondrial function through different metabolic pathways, explaining virus-specific clinical features of chronic hepatitis
Journal of Infectious Diseases, DOI: 10.1093/infdis/jiae210
17. **Tu T.***, Ajoyan H.*, nur Umami R., Veeraraghavan V., Najim M.A.M., Ho V., Boldbaatar D., Khan A., George J., and Douglas M. [#] (2024)
Inhibition of cellular factor TM6SF2 suppresses secretion pathways of Hepatitis B, Hepatitis C and Hepatitis D viruses
Journal of Infectious Diseases, DOI: 10.1093/infdis/jiae098
18. Beatty JA, **Tu T**, Pesavento PA, Cavasin JP, Chen M-C, Lidbury JA, Steiner JM, Barrs VR, Cullen JM. (2023)
Reply to Piewbang *et al.* Comment on “Beatty et al. Domestic Cat Hepadnavirus and Lymphoma. *Viruses* 2023, 15, 2294”.
Viruses, Dec 2023, DOI: 10.3390/v16010046
19. Chen J, **Tu T**, Cohen C, Wang S, Hsu Y-C, Gish RG. (2023)
Halting antiviral therapy in patients with cirrhosis and chronic hepatitis B: A dangerous game?
Hepatology, Dec 2023, 10.1097/HEP.0000000000000737
20. Choi Y.R., Iturriaga M.P, Nekouei O, **Tu T.**, Van Brussel K., Barrs V.R., and Beatty J.A. (2023)
Domestic cat hepadnavirus and pathogenic retroviruses; a sero-molecular survey of cats in Santiago, Chile
Viruses, Dec 2023, DOI: 10.3390/v16010046
21. Beatty JA, **Tu T**, Pesavento PA, Cavasin JP, Chen M-C, Lidbury JA, Steiner JM, Barrs VR, Cullen JM. (2023)
Domestic Cat Hepadnavirus and Lymphoma.
Viruses, Dec 2023, DOI: 10.3390/v15122294
22. **Tu T.** and Douglas M. (2023)
Hepatitis B Virus: New Breakthroughs to Conquer an Ancient Disease
Viruses, Nov 2023, DOI: 10.3390/v15112173

23. Ajoyan H., Douglas M. #, **Tu T.** (2023)
 Targeting liver metabolism: a pathway to cure hepatitis B virus?
Expert Review of Gastroenterology & Hepatology, DOI: 10.1080/17474124.2023.2226390

24. Speck P, Mackenzie J, Bull RA, Slobedman B, Drummer H, Fraser J, Herrero L, Helbig K, Londrigan S, Moseley G, Prow N, Hansman G, Edwards R, Ahlenstiel C, Abendroth A, Tschärke D, Hobson-Peters J, Krieger-Loterio R, Parry R, Marsh G, Harding E, Jacques DA, Gartner MJ, Lee WS, McAuley J, Vaz P, Sainsbury F, Tate MD, Sinclair J, Imrie A, Rawlinson S, Harman A, Carr JM, Monson EA, Hibma M, Mahony TJ, **Tu T**, Center RJ, Shrestha LB, Hall R, Warner M, Ward V, Anderson DE, Eyre NS, Netzler NE, Peel AJ, Revill P, Beard M, Legione AR, Spencer AJ, Idris A, Forwood J, Sarker S, Purcell DFJ, Bartlett N, Deearain JM, Brew BJ, Asgari S, Farrell H, Khromykh A, Enosi Tuipulotu D, Anderson D, Mese S, Tayyar Y, Edenborough K, Uddin JM, Hussain A, Daymond CJI, Agius J, Johnson KN, Shirmast P, Abedinzadeshahri M, MacDiarmid R, Ashley CL, Laws J, Furfaro LL, Burton TD, Johnson SMR, Telikani Z, Petrone M, Roby JA, Samer C, Suhrbier A, Van Der Kamp A, Cunningham A, Donato C, Mahar J, Black WD, Vasudevan S, Lenchine R, Spann K, Rawle DJ, Rudd P, Neil J, Kingston R, Newsome TP, Kim KW, Mak J, Lowry K, Bryant N, Meers J, Roberts JA, McMillan N, Labzin LI, Slonchak A, Hugo LE, Henzeler B, Newton ND, David CT, Reading PC, Esneau C, Briody T, Nasr N, McNeale D, McSharry B, Fakhri O, Horsburgh BA, Logan G, Howley P, Young P. (2023)
 Statement in Support of: “Virology under the Microscope—a Call for Rational Discourse”
Journal of Virology, DOI: 10.1128/jvi.00451-23.

25. Speck P, Mackenzie J, Bull RA, Slobedman B, Drummer H, Fraser J, Herrero L, Helbig K, Londrigan S, Moseley G, Prow N, Hansman G, Edwards R, Ahlenstiel C, Abendroth A, Tschärke D, Hobson-Peters J, Krieger-Loterio R, Parry R, Marsh G, Harding E, Jacques DA, Gartner MJ, Lee WS, McAuley J, Vaz P, Sainsbury F, Tate MD, Sinclair J, Imrie A, Rawlinson S, Harman A, Carr JM, Monson EA, Hibma M, Mahony TJ, **Tu T**, Center RJ, Shrestha LB, Hall R, Warner M, Ward V, Anderson DE, Eyre NS, Netzler NE, Peel AJ, Revill P, Beard M, Legione AR, Spencer AJ, Idris A, Forwood J, Sarker S, Purcell DFJ, Bartlett N, Deearain JM, Brew BJ, Asgari S, Farrell H, Khromykh A, Enosi Tuipulotu D, Anderson D, Mese S, Tayyar Y, Edenborough K, Uddin JM, Hussain A, Daymond CJI, Agius J, Johnson KN, Shirmast P, Abedinzadeshahri M, MacDiarmid R, Ashley CL, Laws J, Furfaro LL, Burton TD, Johnson SMR, Telikani Z, Petrone M, Roby JA, Samer C, Suhrbier A, Van Der Kamp A, Cunningham A, Donato C, Mahar J, Black WD, Vasudevan S, Lenchine R, Spann K, Rawle DJ, Rudd P, Neil J, Kingston R, Newsome TP, Kim KW, Mak J, Lowry K, Bryant N, Meers J, Roberts JA, McMillan N, Labzin LI, Slonchak A, Hugo LE, Henzeler B, Newton ND, David CT, Reading PC, Esneau C, Briody T, Nasr N, McNeale D, McSharry B, Fakhri O, Horsburgh BA, Logan G, Howley P, Young P. (2023)
 Statement in Support of: “Virology under the Microscope—a Call for Rational Discourse”
mBio, DOI: 10.1128/mbio.00815-23

26. Speck P, Mackenzie J, Bull RA, Slobedman B, Drummer H, Fraser J, Herrero L, Helbig K, Londrigan S, Moseley G, Prow N, Hansman G, Edwards R, Ahlenstiel C, Abendroth A, Tschärke D, Hobson-Peters J, Krieger-Loterio R, Parry R, Marsh G, Harding E, Jacques DA, Gartner MJ, Lee WS, McAuley J, Vaz P, Sainsbury F, Tate MD, Sinclair J, Imrie A, Rawlinson S, Harman A, Carr JM, Monson EA, Hibma M, Mahony TJ, **Tu T**, Center RJ, Shrestha LB, Hall R, Warner M, Ward V, Anderson DE, Eyre NS, Netzler NE, Peel AJ, Revill P, Beard M, Legione AR, Spencer AJ, Idris A, Forwood J, Sarker S, Purcell DFJ, Bartlett N, Deearain JM, Brew BJ, Asgari S, Farrell H, Khromykh A, Enosi Tuipulotu D, Anderson D, Mese S, Tayyar Y, Edenborough K, Uddin JM, Hussain A, Daymond CJI, Agius J, Johnson KN, Shirmast P, Abedinzadeshahri M, MacDiarmid R, Ashley CL, Laws J, Furfaro LL, Burton TD, Johnson SMR, Telikani Z, Petrone M, Roby JA, Samer C, Suhrbier A, Van Der Kamp A, Cunningham A, Donato C, Mahar J, Black WD, Vasudevan S, Lenchine R, Spann K, Rawle DJ, Rudd P, Neil J, Kingston R, Newsome TP, Kim KW, Mak J, Lowry K, Bryant N, Meers J, Roberts JA, McMillan N, Labzin LI, Slonchak A, Hugo LE, Henzeler B, Newton ND, David CT, Reading PC, Esneau C, Briody T, Nasr N, McNeale D, McSharry B, Fakhri O, Horsburgh BA, Logan G, Howley P, Young P. (2023)
 Statement in Support of: “Virology under the Microscope—a Call for Rational Discourse”
mSphere, DOI:10.1128/msphere.00165-23

27. Howell J., Seaman C., Wallace J., Xiao YZ., Scott N., Davies K, de Santis T, Adda D., El-Sayed M., Feld J., Gane E., Lacombe K., Lesi O., Mohamed R., Silva M, **Tu T.**, Revill P., and Hellard M.E. (2023)
 Pathway to Global Elimination of Hepatitis B - HBV Cure is Just the First Step

28. Capozza P., Carrai M., Choi Y.R., **Tu T.**, Nekouei O., Lanavel G., Martella V., Beatty J.A., Barrs V.R. (2023)
Domestic cat hepadnavirus: molecular epidemiology and phylogeny in cats in Hong Kong
Viruses, DOI: 10.3390/v13081503
29. Stone C, Petch R, Gagne R.B., Nehring M., **Tu T.**, Beatty J.A., and VandeWoude S. (2022)
Prevalence of Domestic Cat Hepadnavirus in the United States
Viruses, DOI: 10.3390/v14102091
30. **Tu T.** # (2022)
Stigma: a major barrier to Hepatitis B elimination
Nature Reviews Gastro Hep, Aug 2022, DOI: 10.1038/s41575-022-00670-2
31. Maharaj A.D.*, Lubel J*, Lam E., Duncan O., George J., Jeffrey G., Lipton L., Liu H., McCaughan G., Neo E.L., Philip J., Strasser S.I., Stuart K., Thompson A., Tibballs J., **Tu T.**, Wallace M., Wigg A., Wood M., Zekry A, Greenhill E, Ioannou L.J., Ahlenstiel G., Bowers K., Clarke S.J., Dev A., Fink M., Goodwin M., Karapetis C., Levy M, Muller K, O'Beirne J, Pryor D, Seow J, Shackel N, Tallis C, Butler N., Olynyk J.K., Reed-Cox K., Zalcborg J.R. & Robert S# (2022)
Monitoring quality of care in hepatocellular carcinoma: an Australian national modified Delphi Consensus
Hepatology Communications, July 2022), DOI: 10.1002/hep4.2089
32. **Tu T.**#, Zehnder B., Wettengel J., Zhang H., Coulter S., Ho V., Douglas M., Protzer U., George J.*, and Urban S.* (2022)
Mitosis of Hepatitis B virus-infected cells results in uninfected daughter cells (*Selected by Journal as "Read of the Week"*)
JHEP Reports, June 2022, DOI: 10.1016/j.jhepr.2022.100514
33. Biswas S., Rust L.N., Wettengel J.M., Yusova S., Fischer M., Carson J.N., Johnson J., Wei L., Thode T., Kaadige M., Sharma S., Agbaria M., Bimber B.N., **Tu T.**, Protzer U., Ploss A., Smedley J., Golomb G., Sacha J.B.#, Burwitz B.J.# (2022)
Chronic hepatitis B virus infection of rhesus macaques requires suppression of host immunity
Nature Communications, May 2022, DOI: 10.1038/s41467-022-30593-0
34. Méndez-Sánchez N, Bugianesi E, Gish RG, Lammert F, Tilg H, Nguyen MH, Sarin SK, Fabrellas N, Zelber-Sagi S, Fan JG, Shiha G, Targher G, Zheng MH, Chan WK, Vinker S, Kawaguchi T, Castera L, Yilmaz Y, Korenjak M, Spearman CW, Ungan M, Palmer M, El-Shabrawi M, Gruss HJ, Dufour JF, Dhawan A, Wedemeyer H, George J, Valenti L, Fouad Y, Romero-Gomez M, Eslam M; **Global multi-stakeholder consensus on the redefinition of fatty liver disease.**
Global multi-stakeholder endorsement of the MAFLD definition.
Lancet Gastroenterol Hepatol., May 2022, DOI: 10.1016/S2468-1253(22)00062-0.
35. **Tu T.**#, van Boemmel F., and Berg T. (2022)
Surrogate markers for hepatitis B Virus covalently closed circular DNA
Seminars in Liver Disease, April 2022, DOI: 10.1055/a-1830-2741
36. **Tu T.**#, Zhang H. (2022)
Viral integrations in chronic Hepatitis B infection: purposeless passenger or problematic promoter of persistence?
Hepatology, Feb 2022, DOI: 10.1002/hep.32388
37. Zhang H., **Tu T.**# (2021)
Approaches to quantifying Hepatitis B Virus covalently closed circular (ccc)DNA
Clinical and Molecular Hepatology, Oct 2021, DOI: 10.3350/cmh.2021.0283
38. Zhang H., **Tu T.**# (2021)
A river from the liver: detecting hepatocyte genomic DNA in urine.
Hepatology Communications, Oct 2021, DOI: 10.1002/hep4.1779

39. **Tu T.**[#], Rodrigo C., Strasser S.I., Bowden D.S., MacLachlan J., and Drummer H. (2021)
The inaugural Australian Centre for Hepatitis Virology public panel discussion on viral hepatitis research – lessons in scientific community outreach
Viruses, Sept 2021, DOI: 10.3390/v13091838
40. Mao L.[#], Kirby E., Drysdale K., Rance J., Treloar C., **Tu T.**, Fowlie C., and Howard C. (2021)
Resilient ageing and end of life planning among people living with or affected by chronic HBV, HCV or HIV in Australia
UNSW Centre for Social Research in Health, Aug 2021, DOI: 10.26190/f13r-7p71
41. Liu Y., Pinkerton M., Veeraraghavan V., Fu J., Douglas M., and **Tu T.**[#] (2021)
Viral Biomarkers for Hepatitis B Virus-Related Hepatocellular Carcinoma
Frontiers in Microbiology, May 2021, DOI: 10.3389/fmicb.2021.665201
42. Zehnder B., Urban S., and **Tu T.**[#] (2021)
A sensitive and specific PCR-based assay to quantify hepatitis B virus covalently closed circular (ccc)DNA
Bio-protocol, April 2021, DOI: 10.21769/BioProtoc.3986
43. **Tu T.**^{*}, Zehnder B.^{*}, Qu B., and Urban S.[#] (2021)
De novo synthesis of Hepatitis B virus nucleocapsids is dispensable for the maintenance and transcriptional regulation of cccDNA
JHEP Reports, Feb 2021, DOI: 10.1016/j.jhepr.2020.100195
44. **Tu T.**[#], Zhang H., and Urban S. (2021)
Hepatitis B virus DNA integration: *in vitro* models for a deeper understanding of viral pathogenesis and persistence.
Viruses, Jan 2021, DOI: 10.3390/v13020180
45. **Tu T.** and Douglas M. (2020)
Hepatitis B Virus infection: From Diagnostics to Treatments
Viruses, Nov 2020, DOI: 10.3390/v12121366
46. **Tu T.**[#], Zehnder B., Qu B., Ni Y., Main N., Allweiss L., Dandri M., Shackel N.A., George, J., and Urban S. (2020)
A novel method to precisely quantify Hepatitis B Virus covalently closed circular (ccc)DNA formation and maintenance (**Selected as highlighted article of the month**)
Antiviral Research, Sept 2020, DOI: 10.1016/j.antiviral.2020.104865
47. **Tu T.**[#], Block J., Wang S., Cohen C., and Douglas M. (2020)
The lived experience of chronic hepatitis B: a more complete view of its impact and why we need a cure
Viruses, May 2020, DOI: 10.3390/v12050515
48. Revill P., **Tu T.**, Yuen, L., Locarnini S., and Littlejohn M.[#] (2020)
The Evolution and Clinical Impact of Hepatitis B Virus Genome Diversity
Nature Reviews Gastroenterology and Hepatology, May 2020, DOI: 10.1038/s41575-020-0296-6
49. D'Avigdor, W.H., Budzinska, M., McLennan, S.V., Farrell, G., George, J., McCaughan, G.W., Shackel, N.A.^{**}, and **Tu, T.**^{**} (2019)
Virus Genotype-Dependent Transcriptional Alterations in Lipid Metabolism and Inflammation Pathways in the Hepatitis C Virus-infected Liver
Scientific reports, Jul 2019, DOI: 10.1038/s41598-019-46664-0
50. Ni Y., Zhang Z., Engelskircher L., Verch G., **Tu T.**, Lempp F.A., and Urban S.[#] (2019)
Generation and characterization of a stable cell line persistently replicating and secreting the human hepatitis delta virus
Scientific reports, Jul 2019, DOI: 10.1038/s41598-019-46493-1

51. **Tu T.**, Nkongolo S., and Urban S.[#] (2019)
Analyse chromosomal integrierter Hepatitis B Virus-DNA durch inverse nested PCR (Analysis of chromosomally integrated Hepatitis B virus DNA through inverse nested PCR)
Biospektrum, May 2019, DOI: 10.1007/s12268-019-1047-5
52. **Tu, T.**[#] (2019)
Dr. Tu looks back at the most important research articles of 2018 relating to models and biomarkers of HCC.
Hepatic Oncology, Feb 2019, DOI: 10.2217/hep-2019-0002
53. **Tu T.**[#], and Urban, S. (2018)
Detection of low copy number integrated viral DNA formed by *in vitro* Hepatitis B Virus infection using inverse nested PCR
Journal of Visualised Experiments, Nov 2018, DOI: 10.3791/58202
54. Budzinska M., Shackel N.A., Urban, S., and **Tu T.**[#] (2018)
Sequence Analysis of Integrated Hepatitis B Virus DNA during HBeAg-Seroconversion
Emerging Microbes and Infections, Jul 2018, DOI: 110.1038/s41426-018-0145-7
55. Budzinska M., Shackel N.A., Urban, S., and **Tu T.**[#] (2018)
Cellular genomic sites of HBV DNA integration
Genes, Jul 2018, DOI: 10.3390/genes9070365
56. **Tu T.**^{*} and Urban, S.^{**} (2018)
Virus entry and its inhibition: a strategy to prevent and treat Hepatitis B and Hepatitis D virus infections
Current Opinion in Virology, Jun 2018, DOI: 10.1016/j.coviro.2018.04.004
57. **Tu T.**[#], Budzinska M.A., Vondran F.W.R., Shackel N.A., and Urban S. (2018)
Hepatitis B Virus DNA Integration Occurs Early in the Viral Life Cycle in an In Vitro Infection Model via Sodium Taurocholate Cotransporting Polypeptide-Dependent Uptake of Enveloped Virus Particles
(Selected as Spotlight article)
Journal of Virology, Jun 2018, DOI: 10.1128/JVI.02007-17
58. Mutz, P., Metz, P., Lempp, F.A., Bender, S., Qu, B., Schöneweis, K., Seitz, S., **Tu, T.**, Restuccia, A. , Frankish, J., Dächert, C., Schusser, B., Koschny, R., Polychronidis, G., Schemmer, P., Hoffmann, K., Baumert, T.F., Binder, M., Urban, S., and Bartenschlager, R.[#] (2018)
HBV bypasses the innate immune system and does not protect HCV against the antiviral activity of interferon
Gastroenterology, Feb 2018, DOI: 10.1053/j.gastro.2018.01.044
59. **Tu, T.**^{**}, Bühler, S., and Bartenschlager, R.^{**} (2017)
Chronic viral hepatitis and their association with liver cancer
Biological Chemistry, May 2017, DOI: 10.1515/hsz-2017-0118
60. **Tu, T.**[#], Budzinska, M.A., Shackel, N.A., and Urban S. (2017)
HBV DNA integration: Molecular mechanisms and clinical implications
Viruses, Apr 2017, DOI:10.3390/v9040075
61. **Tu, T.**^{*}, Budzinska, M.^{*}, D'Avigdor, W.H., Luciani, F., and Shackel, N.A.[#] (2016)
Accumulation of deleterious passenger mutations is associated with the progression of hepatocellular carcinoma
PLoS One, Sept 2016 DOI: 10.1371/journal.pone.0162586
62. **Tu, T.**^{*}, Calabro, S.R.^{*}, Maczurek, A.E., Lee, A., Budzinska, M., Warner F.J., McLennan, S., and Shackel, N.A.[#] (2015)
Hepatocytes in liver injury: victim, bystander, or accomplice in progressive fibrosis?
Journal of Gastroenterology and Hepatology, Dec 2015, DOI: 10.1111/jgh.13065

63. Rahman, W., **Tu, T.**, Budzinska, M., Huang, P., Belov, L., Chrisp, J.S., Christopherson, R.I., Warner, F.J., Bowen, D.G., Strasser, S.I., Koorey, D., Sharland, A.F., McCaughan, G.W., Yang, J.Y. H., and Shackel, N.A.[#] (2015)
Analysis of Post-Liver Transplant HCV Recurrence using Serial CD Antibody Microarrays.
Transplantation, Sept 2015, DOI: 10.1097/TP. 617
64. **Tu, T.**, Budzinska, M., Shackel, N.A., and Jilbert A.R.[#] (2015)
Conceptual Models for the Initiation of Hepatitis B Virus-Associated Hepatocellular Carcinoma
Liver International, Feb 2015, DOI: 10.1111/liv.12773
65. **Tu, T.**, Mason, W.S., Clouston, A.D., McCaughan, G.W., Shackel, N.A., Yeh, M.M., Schiff, E.R., Ruzskiewicz, A.R., Chen, J.W., Harley, H.A.J., Stroehrer, U.H., and Jilbert, A.R.[#] (2015)
Clonal expansion of hepatocytes with a selective advantage occurs during all stages of chronic hepatitis B virus infection
Journal of Viral Hepatitis, Jan 2015, DOI:10.1111/jvh.12380
66. **Tu, T.**, Shackel, N.A., and McCaughan, G.W.[#] (2015)
Journal Watch: Novel Understanding into Molecular Drivers of HCC
Hepatic Oncology, Jan 2015, DOI:10.2217/hep.14.33.
67. Calabro, S.R., Maczurek, A.E., Morgan, A.J., **Tu, T.**, Wen, V.W., Yee, C., Roediger, B., Mridha, A., Patkunanathan, B., Lee, M., d'Avigdor, W., Locarnini, S.A., McCaughan, G.W., Warner, F.J., McLennan, S.V., and Shackel, N.A.[#] (2014)
Hepatocyte-Produced Matrix Metalloproteinases are regulated by CD147 in Liver Fibrogenesis.
PLoS One, Jul 2014, DOI: 10.1371/journal.pone.0090571.
68. **Tu, T.**, Maczurek, A., Budzinska, M., Cheng, R., Di Bartolomeo, A., McCaughan, G.W., McLennan, S., and Shackel, N. A.[#] (2014)
Novel aspects of the liver microenvironment in HCC pathogenesis and development
International Journal of Molecular Sciences, May 2014, DOI: 10.3390/ijms15069422
69. Cheng, R., **Tu, T.**, Shackel, N. A. and McCaughan, G.W.[#] (2014)
Advances in Hepatitis C management: Current Therapies and Future Directions
Expert Review of Gastroenterology and Hepatology, May 2014, DOI: 10.1586/17474124.2014.909725
70. **Tu, T.**, Shackel, N.A., and McCaughan, G.W.[#] (2013)
“Testing Your Methyl”: DNA Methylation Profiling of Serum DNA of HCC Patients.
Hepatology International, Jul 2013, DOI: 10.1007/s12072-013-9444-1

Published book chapters

1. **Tu T.**, Ajoyan H., George J. (2023)
Novel Assays to Solve the Clinical and Scientific Challenges of Chronic Hepatitis B
Clinics in Liver Disease, DOI: 10.1016/j.cld.2023.05.002
2. Zhang H, **Tu T.** (2023)
Targeting hepatitis B virus DNA using designer gene editors
Clinics in Liver Disease, DOI: 10.1016/j.cld.2023.05.006
3. Collins S., Yuen S.G., **Tu T.**, Budzinska M.A., Bryant K. and Shackel N.A.[#] (2019)
In Vitro Models of the Liver: Disease Modelling, Drug Discovery and Clinical Applications
Hepatocellular Carcinoma, 2019, DOI: 10.15586/hepatocellularcarcinoma.2019.ch3
4. **Tu, T.**, Patel, K., and Shackel, N.A.[#] (2017)
Viral Hepatitis
Genomic and Precision Medicine (3rd edition), 2017, DOI: 10.1016/B978-0-12-800685-6.00017-5
5. **Tu, T.**[#], and Jilbert A.R. (2017)
Detection of virus-cell DNA junctions formed by integrated HBV DNA using inverse nested PCR

