

## Parker G. A. Jobin MD, PhD

### Education & Training

Cedars-Sinai Medical Center, Los Angeles, California <i>Categorical Internal Medicine Residency</i>	June 2022 - June 2025
Cedars-Sinai Medical Center, Los Angeles, California <i>Internship in Internal Medicine</i>	2022 - 2023
The University of British Columbia (UBC), Vancouver, British Columbia <i>Combined MD/PhD Program</i> <i>Doctor of Medicine</i> <i>Doctor of Philosophy, Biochemistry and Molecular Biology</i> Thesis: Moonlighting tRNA synthetases as extracellular targets of matrix metalloproteinases Supervisor: Christopher M. Overall PhD, FCAHS, FRSC <i>Bachelor of Science, Honours in Biochemistry and Molecular Biology</i>	2013 - 2021 2021 2019 2009 - 2013

### Licensure & Certification

<i>Physician's and Surgeon's Medical License</i> , Medical Board of California	July 2023 - Sept 2027
<i>ACLS</i> , American Heart Association	Jan 2024 - Jan 2026
<i>DEA Practitioner Certification</i> , Drug Enforcement Administration	Jan 2023 - Dec 2028
<i>Certified Medical Examiner</i> , Federal Motor Carrier Safety Administration	Sept 2025 - Sept 2030
<i>Board Certified</i> , American Board of Internal Medicine	Oct 2025 - Oct 2035

### Professional Experience

<i>Hospitalist</i> , Inpatient Specialty Practices - Cedars-Sinai Medical Center, Los Angeles, California	July 2025 - present
<i>Per Diem Physician</i> , Concentra Health Services, Gardena, California	Aug 2024 - present
- Part-time position as urgent care and occupational health provider	
<i>Staff Physician</i> , Monrovia Memorial Hospital, Monrovia, California	Jan 2024 - Dec 2025
- Moonlighting position as night-float physician at local hospital	
<i>Independent Contractor</i> , Goldencast Medical Corporation, Los Angeles, California	Jan 2024 - Dec 2025
- Moonlighting for physician staffing agency	
<i>Staff Physician</i> , Kindred Hospital Baldwin Park, Baldwin Park, California	Jan 2024 - July 2024
- Moonlighting position as night-float physician at local hospital	
<i>COVID-19 Immunizer</i> , Fraser Health Authority	May 2021 - Apr 2022

### Advisory, Professional Memberships, Committee Service, and Service to Community

#### Advisory

<i>Consultant</i> , Side Door Ventures Inc.	2021 - 2022
▪ consultant for a 3D printed medical devices for delivering chemotherapy, small molecule drug development for cancer therapy, and epigenomic technology for chronic pain therapy	
<i>Program Research Literacy Mentor</i> , UBC Anesthesiology Postgraduate Program.	2021 - 2022
<i>Consultant</i> , Global Venture Capital Inc.	2020 - 2021
▪ consultant for a 3D virtual reality technology for improving surgical planning	
<i>Undergraduate Research Supervisor</i> , Overall Lab	2013 - 2021
<i>Student Representative</i> , UBC MD/PhD Program	2016, 2017

#### Committee Service

<i>Program Representative</i> , Cedars Sinai Graduate Medical Education Committee	2023 - 2025
<i>Student Seat</i> , UBC MD/PhD Program Admissions Committee	2017
<i>Elected Representative</i> , UBC Graduate Student Society Council, MD/PhD Program	2013 - 2015
<i>Committee Member</i> , UBC Graduate Student Society, Code & Policy Committee	2014 - 2015

#### Professional Memberships

<i>Member</i> , American College of Physicians	2022 - present
<i>Member</i> , American Society for Biochemistry and Molecular Biology	2021 - 2022

<i>Member, Indigenous Physicians Association of Canada</i>	2020 - 2022
<i>Member, Doctors of British Columbia</i>	2013 - 2022
<b>Service to Community &amp; Volunteer Work</b>	
<i>Research Assistant, Cochrane Collaboration</i>	2021 - 2023
<i>Research Assistant, PainBC</i>	2021 - 2022
<i>SIM Program Volunteer, UBC Anesthesiology Postgraduate Program</i>	2021 - 2022
<i>Program Manager, UBC Faculty of Medicine Undergraduate Research Conference</i>	2016, 2017
<i>Program Manager, UBC MD/PhD Program Open House</i>	2017

## Awards & Honours

UBC MD/PhD Fellowship	2015 - 2021
UBC President's Academic Excellence Initiative PhD Award	2020 - 2021
Centre for Blood Research Graduate Award	2018
Canada Graduate Scholarship Vanier Award	2015 - 2018
- nationally competitive \$50,000 annual stipend awarded on merit of academics, research, and leadership	
Frederick Banting and Charles Best Canada Graduate Scholarship	2013 - 2014
UBC Dofasco Inc. First Nations Fellowship	2013
UBC Aboriginal Graduate Fellowship	2013 - 2014
Canadian Inter-University Sport Academic All Canadian	2012 - 2013
UBC Genome Science and Technology Studentship	2013
UBC Dr Peter Gee-Pan Mar Memorial Scholarship	2012
UBC Faculty of Science Summer Studentship Award	2012
Grande Prairie Regional College Governor General's Academic Collegiate Bronze Medal	2011
Canadian Collegiate Athletic Association National Scholar, Grande Prairie Regional College	2010, 2011

## Research, Publications, Scholarly Activities

### Publications

- Jobin, P. G., Stewart, C., Vipani, A., Perez-Alvarez, I., Pepkowitz, S., Klapper, E., Berg, A., Stillman, K., Torbati, S., Kuo, A., Trivedi, H., Yang, J., Steinberger, J., Van Allan, R., Friedman, O., Cardoza, K., Ayoub, W. (2024) Amanita Mushroom Toxin Poisoning in Los Angeles County. *ACG Case Reports Journal*, 11(1):p e01246, 10.14309/crj000000000001246
- Ke, J., Nourouzpour N., Jen, T., Bailey, J., Jobin, P. G., Sutherland, J. M., Ho, C., Prabhakar, C. (2023) Association between anesthesia technique and death after hip fracture repair for patients with COVID-19. *Canadian Journal of Anesthesia*, 10.1007/s12630-023-02673-2
- Darville, R., Yu, C. H., Jobin, P. G., Gabriel, G., Lomanowska, A., Daudt, H., Negraeff, M., Di Renna, T., Hudspith, M., Clarke, H. (2023) The impact of preoperative patient education on postoperative pain, opioid use, and psychological outcomes: A narrative review. *Canadian Journal of Pain*. 7:2, 10.1080/24740527.2023.2266751
- Senkle, V., Jobin, P. G., and Wright, J. M. (2022) Hydrochlorothiazide versus other diuretics for hypertension. *Cochrane Database of Systematic Reviews*, 11, CD015250, 10.1002/14651858.CD015250.
- Jobin, P. G., Tejani, A., and Perry, T. (2022) Therapeutic Initiative. Finding the lowest effective dose for non-opioid analgesics. *Therapeutics Letter*. 134, ISSN 2369-8691.
- Jobin, P. G., Solis, N., Machado, Y., Bell, P. A., Rai, S.K., Kwon, N. H., Kim, S., Overall, C. M., and Butler, G. S. (2020) Moonlighting matrix metalloproteinase substrates: Enhancement of proinflammatory functions of extracellular tyrosyl-tRNA synthetase upon cleavage. *J. Biol. Chem.* 295, 2186-2022, 10.1074/jbc.RA119.010486\*\*
- Jobin, P. G., Solis, N., Machado, Y., Bell, P. A., Kwon, N. H., Kim, S., Overall, C. M., and Butler, G. S. (2019) Matrix metalloproteinases inactivate the proinflammatory functions of secreted moonlighting tryptophanyl-tRNA synthetase. *J. Biol. Chem.* 294, 12866-12879, 10.1074/jbc.RA119.009584\*\*\*
- Dufour, A., Bellac, C. L., Eckhard, U., Solis, N., Klein, T., Kappelhoff, R., Fortelny, N., Jobin, P., Rozmus, J., Mark, J., Pavlidis, P., Dive, V., Barbour, S. J., and Overall, C. M. (2018) C-terminal truncation of IFN-gamma inhibits proinflammatory macrophage responses and is deficient in autoimmune disease. *Nat. Commun.* 9, 2416, 10.1038/s41467-018-04717-4

- Jobin, P. G., Butler, G. S., and Overall, C. M. (2017) New intracellular activities of matrix metalloproteinases shine in the moonlight. *Biochim. Biophys. acta. Mol. cell Res.* **1864**, 2043–2055, 10.1016/j.bbamcr.2017.05.013  
\*Co-first authors  
\*\*Journal of Biological Chemistry Editor's Choice – Featured with [Author Profile](#).  
\*\*\*Journal of Biological Chemistry 2020 Methods Competition “[Methods Madness](#)” Finalist (Category of Mass Spectrometry)

#### Presentations

- Jobin, P. G., Solis, N., Machado, Y., Bell, P. A., Kwon, N. H., Kim, S., Overall, C. M., and Butler, G. S. Poster Presentation. Matrix metalloproteinases modulate inflammation through processing as secreted tRNA synthetases.  
45<sup>th</sup> Lorne Conference on Protein Structure and Function, Victoria, Australia, February 9<sup>th</sup>-13<sup>th</sup>, 2020.  
11<sup>th</sup> General meeting of the International Proteomics Society, Prague, Czech Republic, September 29<sup>th</sup>-October 4<sup>th</sup>, 2019.
- Jobin, P., Butler, G., Overall, C.M. Poster Presentation. Matrix metalloproteinases increase the proinflammatory functions of moonlighting tyrosyl-tRNA synthetase. Centre for Blood Research 8<sup>th</sup> Norman Bethune Symposium, Vancouver, BC, Canada, April 1<sup>st</sup>, 2019.
- Jobin, P., Butler, G., Overall, C.M. Oral & Poster Presentations. Extracellular moonlighting tryptophanyl tRNA synthetase as a protease-mediated switch between inflammation and proliferation. Centre for Blood Research 11<sup>th</sup> Earl Davie Symposium, Vancouver, BC, Canada, November 15<sup>th</sup>, 2018.
- Jobin, P., Butler, G., Overall, C.M. Poster Presentation. Secreted tryptophanyl tRNA synthetase as a protease-mediated molecular switch between pro-inflammatory cytokine and proliferation inhibitor. 10<sup>th</sup> General Meeting of the International Proteomics Society, Banff, AB, Canada, October 28<sup>th</sup>-November 1<sup>st</sup>, 2017.
- Jobin, P., Butler, G., Overall C.M. Oral Presentation. Tryptophanyl tRNA synthetase as an inflammatory target of matrix metalloproteinase processing. Pacific Coast Protease Meeting, Desert Hot Springs, CA, USA, May 7-10<sup>th</sup>, 2017.
- Jobin, P., Butler, G., Overall, C.M. Poster Presentation. Macrophage secreted tryptophanyl tRNA Synthetase as a pro-inflammatory cytokine. Centre for Blood Research 10<sup>th</sup> Earl Davie Symposium, Vancouver, BC, Canada, November 17<sup>th</sup>, 2016.
- Jobin, P., Butler, G., Overall, C.M. Oral Presentation. Emerging roles of proteases and translating them to the clinic. UBC MD/PhD Program's Building Bridges Seminar, Vancouver, BC, Canada, October 24<sup>th</sup>, 2016.
- Jobin, P., Butler, G., Overall, C.M. Poster Presentation. The cytokine roles of moonlighting extracellular tryptophanyl tRNA synthetase and their regulation by MMP proteolysis. Centre for Blood Research Research Day, Vancouver, BC, Canada, August 16<sup>th</sup>, 2016.
- Jobin, P., Butler, G., Overall, C.M. Oral Presentation. A novel pro-inflammatory role for moonlighting extracellular tryptophanyl tRNA synthetase and its modulation by MMP proteolytic processing. Centre for Blood Research Seminar, Vancouver, BC, Canada, August 3<sup>rd</sup>, 2016.
- Jobin, P., Butler, G., Overall C.M. Oral Presentation. Tryptophanyl tRNA synthetase as an anti-angiogenic target of matrix metalloproteinase processing. Pacific Coast Protease Meeting, Desert Hot Springs, CA, USA, April 26<sup>th</sup>, 2016.
- Jobin, P., Butler, G., Overall, C.M. Poster Presentation. Tryptophanyl-tRNA synthetase as a target of matrix metalloproteinases. The Canadian Society for Clinical Investigation-The Clinician Investigator Trainee Association of Canada Annual Scientific Meeting, Toronto, ON, Canada, November 25<sup>th</sup>, 2014.
- Jobin, P., Butler, G., Overall, C.M. Poster Presentation. Moonlighting proteins as extracellular targets of matrix metalloproteinases. Centre for Blood Research Seminar, Vancouver, BC, Canada, August 16<sup>th</sup>, 2012.