

Parker G. A. Jobin MD, PhD

Education & Training

Cedars-Sinai Medical Center, Los Angeles, California
Categorical Internal Medicine Residency

June 2022 - June 2025

Cedars-Sinai Medical Center, Los Angeles, California
Internship in Internal Medicine

2022 - 2023

The University of British Columbia (UBC), Vancouver, British Columbia
Combined MD/PhD Program

2013 - 2021

Doctor of Medicine

2021

Doctor of Philosophy, Biochemistry and Molecular Biology

2019

Thesis: Moonlighting tRNA synthetases as extracellular targets of matrix metalloproteinases

Supervisor: Christopher M. Overall PhD, FCAHS, FRSC

Bachelor of Science, Honours in Biochemistry and Molecular Biology

2009 - 2013

Licensure & Certification

Physician's and Surgeon's Medical License, Medical Board of California

July 2023 - Sept 2027

ACLS, American Heart Association

Jan 2024 - Jan 2026

DEA Practitioner Certification, Drug Enforcement Administration

Jan 2023 - Dec 2028

Certified Medical Examiner, Federal Motor Carrier Safety Administration

Sept 2025 - Sept 2030

Board Certified, American Board of Internal Medicine

Oct 2025 – Oct 2035

Professional Experience

Hospitalist, Inpatient Specialty Practices - Cedars-Sinai Medical Center, Los Angeles, California July 2025 - present

Per Diem Physician, Concentra Health Services, Gardena, California Aug 2024 - present

- Part-time position as urgent care and occupational health provider

Staff Physician, Monrovia Memorial Hospital, Monrovia, California Jan 2024 – Dec 2025

- Moonlighting position as night-float physician at local hospital

Independent Contractor, Goldencast Medical Corporation, Los Angeles, California Jan 2024 – Dec 2025

- Moonlighting for physician staffing agency

Staff Physician, Kindred Hospital Baldwin Park, Baldwin Park, California Jan 2024 - July 2024

- Moonlighting position as night-float physician at local hospital

COVID-19 Immunizer, Fraser Health Authority May 2021 - Apr 2022

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

Advisory

Consultant, 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

Program Research Literacy Mentor, UBC Anesthesiology Postgraduate Program. 2021 - 2022

Consultant, Global Venture Capital Inc. 2020 - 2021

- consultant for a 3D virtual reality technology for improving surgical planning

Undergraduate Research Supervisor, Overall Lab 2013 - 2021

Student Representative, UBC MD/PhD Program 2016, 2017

Committee Service

Program Representative, Cedars Sinai Graduate Medical Education Committee 2023 - 2025

Student Seat, UBC MD/PhD Program Admissions Committee 2017

Elected Representative, UBC Graduate Student Society Council, MD/PhD Program 2013 - 2015

Committee Member, UBC Graduate Student Society, Code & Policy Committee 2014 - 2015

Professional Memberships

Member, American College of Physicians 2022 - present

Member, American Society for Biochemistry and Molecular Biology 2021 - 2022

<i>Member</i> , Indigenous Physicians Association of Canada	2020 - 2022
<i>Member</i> , Doctors of British Columbia	2013 - 2022
Service to Community & Volunteer Work	
<i>Research Assistant</i> , Cochrane Collaboration	2021 - 2023
<i>Research Assistant</i> , PainBC	2021 - 2022
<i>SIM Program Volunteer</i> , UBC Anesthesiology Postgraduate Program	2021 - 2022
<i>Program Manager</i> , UBC Faculty of Medicine Undergraduate Research Conference	2016, 2017
<i>Program Manager</i> , UBC MD/PhD Program Open House	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.
 - 45th Lorne Conference on Protein Structure and Function, Victoria, Australia, February 9th-13th, 2020.
 - 11th General meeting of the International Proteomics Society, Prague, Czech Republic, September 29th-October 4th, 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 8th Norman Bethune Symposium, Vancouver, BC, Canada, April 1st, 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 11th Earl Davie Symposium, Vancouver, BC, Canada, November 15th, 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. 10th General Meeting of the International Proteomics Society, Banff, AB, Canada, October 28th-November 1st, 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 7-10th, 2017.
- Jobin, P., Butler, G., Overall, C.M. Poster Presentation. Macrophage secreted tryptophanyl tRNA Synthetase as a pro-inflammatory cytokine. Centre for Blood Research 10th Earl Davie Symposium, Vancouver, BC, Canada, November 17th, 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 24th, 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 16th, 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 3rd, 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 26th, 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 25th, 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 16th, 2012.