

Gustavo Borges

Applying to Medical Affairs Associate, Oncology position at GSK
Montreal, QC, H3W 1W6 (available to relocation) | (514) 995-1710
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Highly motivated scientist with a passion for oncology, transitioning to a Medical Affairs role. 10+ years of experience in oncology research, with expertise in data analysis, project management and scientific communication. Eager to leverage my scientific knowledge and strong communication skills to bridge the gap between research and clinical practice, ultimately improving patient outcomes in oncology.

CORE SKILLS

- Medical terminology
- Oncology, Immunology and Hematology
- Data Analysis & Interpretation
- Scientific writing (Grant proposals, Scientific Reports, Science vulgarization)
- Project Management (Designed and executed complex research projects)
- Written and Verbal Communication (Scientific articles, presentations, mentoring)
- Collaboration (Worked effectively in multi-disciplinary research teams)
- Problem-Solving (Troubleshoot experiments, developed solutions)
- Genome Editing (CRISPR), Functional Genomics Screens, ELISA, and Flow cytometry
- Cell Biology and Molecular Biology Skills

EDUCATION & CERTIFICATIONS

Ph.D. - Molecular Biology Jan 2017 - Aug 2023
Université de Montréal, Montréal

M.Sc. - Clinical Oncology, Stem Cells and Cell Therapy Jul 2014 - Dec 2016
University of São Paulo, Brazil

B.Sc. in Biological Sciences, Molecular Genetics Sep 2010 - Jun 2013
University of São Paulo, Brazil

BiolInnovation Scientist Program: Foundations 2023
adMare BiolInnovations - 9795866916GB

Drug Discovery of Biologics 2023
Biotech Primer - BIO-CERT-068784441485736625599049520197

Drug Discovery of Small Molecule Drugs 2023
Biotech Primer - BIO-CERT-303596096617165791381329262207

LANGUAGES

- English (Fluent)
- Spanish (Advanced)
- French (Basic)
- Portuguese (Native)

WORK EXPERIENCE

Graduate Researcher, PhD Jan 2017 - Aug 2023
Université de Montréal, Montréal, Canada

- Engineered a mammalian cell line and developed a CRISPR Base Editing screen to test how point mutations in genes responsible for telomere maintenance affect different biological processes and drug responses.
- Managed all aspects of the research project, including design, planning, execution, data analysis, interpretation, and communication of results.

- Ordered and managed common reagents and maintained lab equipment.
- Authored and co-authored multiple publications in peer-reviewed journals: PMID: 38310618; PMID: 35920280; PMID: 33930985
- Mentored and co-supervised the research projects of junior team members (one MSc and one undergraduate student).

Graduate Researcher, MSc

Jun 2014 - Dec 2016

Haematology Lab - Faculty of Medicine, University of São Paulo, Ribeirão Preto, Brazil

Master's in Clinical Oncology, Stem Cell and Cell Therapy

- Collaborated with a cross-functional team of hematologists, geneticists, and lab technicians to develop a 73-gene panel for diagnosing MonoMAC and bone marrow failure syndromes using DNA sequencing.
- Participated in multi-disciplinary teams in assay development and implementing technologies like flow cytometry and NGS.
- Co-authored multiple publications in peer-reviewed journals: PMID: 36542832; PMID: 32556109; PMID: 31035956; PMCID: PMC6738484
- Responsible for managing regulatory documentation, ensuring compliance with established guidelines.
- Assisted in grant proposal writing and project planning.

Internship

Jan 2014 - May 2014

Haematology Lab - Faculty of Medicine, University of São Paulo, Ribeirão Preto, Brazil

- Implemented a Sanger sequencing method to diagnose Telomere Biology Disorders in over 100 patients, a rare type of bone marrow failure syndrome.
- Responsible for planning, designing, troubleshooting, and performing experiments, as well as analyzing, interpreting, documenting, and communicating results.

VOLUNTEER

Writer

Ilha do Conhecimento

- Wrote a knowledge translation article about the evolution of cancer treatments for a science-curious audience (<https://ilhadoconhecimento.com.br/a-luta-da-ciencia-contra-o-cancer/>).

Mentor

Mar 2016 - Jul 2016

House of Science, Regional Blood Center of Ribeirão Preto

Mentored 10 high-school students in a three-months project exploring how genetic tools are used to profile athletes, combining theoretical classes and laboratory visits. Presented this project at the "Pint of Science" in Ribeirão Preto, Brazil.

INTEREST IN MEDICAL AFFAIRS

My passion for scientific discovery has always been intertwined with a desire to see research translate into meaningful improvements in patient care. The Medical Affairs role at GSK Canada deeply resonates with this goal.

I am particularly interested in the opportunity to leverage my scientific expertise to bridge the gap between research and clinical practice. By effectively communicating complex scientific information to healthcare professionals, I can play a crucial role in ensuring they have the knowledge and resources necessary to deliver the best possible care to their oncology patients.

I understand the importance of Medical Affairs in navigating the healthcare system and advocating for innovative solutions that address unmet medical needs. I am eager to learn more about this dynamic field and contribute my skills to Roche Canada's mission of improving patient outcomes in oncology.