

Michael Racanelli MSc.

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EDUCATION

Certification of Data Science	<i>University of Toronto/Waterloo</i>
Master of Science	<i>Western University</i>
Bachelor of Medical Science (Honours)	<i>Western University</i>

WORK EXPERIENCE

Clinical Data Analyst, Contract Full-time – Current Role	<i>April 2023</i>
<i>Bayer Inc, Mississauga, Ontario</i>	2 years
<ul style="list-style-type: none"> Explored patient data using Jupyter notebooks on large data platforms such as Science @ Scale Built custom dashboards to display insights into patient data using Visualization libraries such as Streamlit, Panel, Bokeh Assisted in creation of data pipeline and documentation to map multiple databases to central SQL relational database 	
Scientific Analyst QA, Permanent Full-time	<i>May 2022</i>
<i>BenchSci, Toronto, Ontario</i>	3 months
<ul style="list-style-type: none"> Supported and coordinated across multiple teams regular QA initiatives and onboarding with new QA software to assess platform quality and function with each platform and data release Provided scientific expertise for coding test cases and bug reporting in collaboration with software QA team 	
Local Study Associate, Contract Full-time	<i>February 2020</i>
<i>Bayer Inc, Mississauga, Ontario</i>	1 year 3 months
<ul style="list-style-type: none"> Managed Bayer Sponsored and Investigator Sponsored Medical Research studies according to global guidelines and regulations (ICH-GCP), specialized in Oncology and Hematology 	
Laboratory Research Assistant and Thesis Student	<i>September 2016</i>
<i>Laboratory of Dr. A. Leask, London, Ontario</i>	2 years 10 months
Teaching Assistant, Physiology/ Pharmacology Lab Course	<i>September 2017</i>
<i>Western University, London, Ontario</i>	8 months
Dental School Simulation Clinic Supervisor	<i>December 2016</i>
<i>Schulich School of Medicine and Dentistry, London, Ontario</i>	1 year 3 months
Collection Clerk, Financial Services – Summer Student	<i>May 2015</i>
<i>Bayer Inc., Mississauga, Ontario</i>	4 months
Medical Operations Business Associate – Summer Student	<i>May 2012, 2013</i>
<i>GlaxoSmithKline, Mississauga, Ontario</i>	8 months

PUBLICATIONS

Shi-Wen, X., Racanelli, M., Ali, A., Simon, A., Quesnel, K., Stratton, R. J., & Leask, A. (2021). **Verteporfin inhibits the persistent fibrotic phenotype of lesional scleroderma dermal fibroblasts**. *Journal of cell communication and signaling*, 15(1), 71–80.

<https://doi.org/10.1007/s12079-020-00596-x>

Racanelli M, (2019). **YAP-mediated mechanotransduction promotes fibrotic activity**. *Electronic Thesis and Dissertation Repository*. 6283. <https://ir.lib.uwo.ca/etd/6283>

Hutchenreuther, J., Vincent, K., Norley, C., Racanelli, M., Gruber, S. B., Johnson, T. M., Fullen, D. R., Raskin, L., Perbal, B., Holdsworth, D. W., Postovit, L. M., & Leask, A. (2018). **Activation of cancer-associated fibroblasts is required for tumor neovascularization in a murine model of melanoma**. *Matrix biology : journal of the International Society for Matrix Biology*, 74, 52–61.

<https://doi.org/10.1016/j.matbio.2018.06.003>

LICENSES & CERTIFICATIONS

Data Science Certification <i>University of Waterloo/Toronto</i>	December 2023
Machine Learning, Data Science and Deep Learning with Python <i>Udemy</i>	November 2021
Complete Python Developer in 2021: Zero to Mastery <i>Udemy</i>	September 2021
Study Designs in Epidemiology <i>Coursera</i>	January 2021
AI for Everyone <i>Coursera</i>	November 2019