

Johanan Idicula

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jidicula.github.io

I'm a 4th year [Anatomy and Cell Biology](#) student at McGill University in Montréal, Québec. I'm also an undergraduate research assistant at the [Biological and Active Materials Lab](#) under the supervision of Professor Allen J. Ehrlicher in the McGill Department of Bioengineering.

Research Interests

Cell Mechanics, [Mechanotransduction](#), Gene Editing via CRISPR, ACTN4, Quantitative Imaging, Image Processing

Lab Skills

[Microcontact Printing](#), Quantitative Confocal Microscopy, Mammalian Cell Culture, Plasmid Purification, Bacterial Cell Culture, Traction Force Microscopy, Image Processing

Languages I Know

Programming: Python, MATLAB, Bash, Java, R

Markup: HTML, CSS, LaTeX

Natural: French (conversational and basic reading)

Tools I Use

Git, TravisCI, Emacs, Eclipse, Atom, FIJI, scikit-image

Other Skills

Strong writing and critical thinking

Careful attention to detail

Excellent proofreading and editing

Web Design

[MACSS](#)

[Sarina Lalla's E-portfolio](#)

Education

B.Sc. Anatomy and Cell Biology

McGill University: *2014–2018*

International Baccalaureate Diploma Programme

Colonel Gray High School: *2011–2014*

Awards

2018 McGill Anatomy and Cell Biology Research Retreat Undergraduate Travel Award

Award covering cost of attendance at annual research retreat for trainees and faculty members in the McGill Department of Anatomy and Cell Biology.

2014 J.W. McConnell Entrance Scholarship

McGill entrance scholarship for high school academic performance covering tuition and fees for the first year of the undergraduate degree.