Johanan Idicula

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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

Narration

Web Design

MACSS

Sarina Lalla's E-portfolio

Education

2014–2018 B.Sc. Anatomy and Cell Biology, McGill University, Canada

2011–2014 International Baccalaureate Diploma, Colonel Gray High School, Canada.

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.

Posters and Talks

2018-07-06 **Probing the Mechanosensitivity of α-actinin-4 Nuclear Translocation**

Poster presented at the 2018 ACB Annual Departmental Retreat, McGill University.

2018-04-05 **Probing the Mechanosensitivity of α-actinin-4 Nuclear Translocation**

Talk presented at the McGill Integrative Bioscience Society Research Symposium, McGill University.

2017-06-08 **Probing the Mechanosensitivity of ACTN4 nuclear translocation**

Talk presented at the 7th Annual Quantitative Life Science Symposium, McGill University.