

Nitai Steinberg

scientific storytelling

concept • animation • illustration

Email nitai.steinberg@gmail.com

Website <https://www.nitai-sci-visuals.com/>

Resume

Education • Research

2017 - 2019 **MSc in Biomedical Communications**

University of Toronto
Toronto, Ontario, Canada

2013 - 2017 **PhD**

Weizmann Institute of Science
Rehovot, Israel
Advisor: Dr. Ilana Kolodkin-Gal
Thesis: An extracellular matrix protein serves as a developmental cue to maintain flagellar motility in biofilms

2009 - 2012 **MSc in Biology**

Weizmann Institute of Science
Advisor: Dr. Yitzhak Pilpel
Thesis: Bet-hedging in the evolutionarily -conditioned response of Escherichia coli towards sugars

2007 - 2009 **BSc in Biology** *Summa cum laude*

Tel Aviv University
Tel Aviv-Yafo, Israel

Internships

2018 - Present **Radiation Medicine Program**

Princess Margaret Cancer Centre
Toronto, Ontario, Canada
Supervisor: Nicole Hamett
Design and development of online learning modules for oncologists

2016 - 2017 **Microbial Morphogenesis and Growth**

Institut Pasteur
Paris, France
Supervisor: Dr. Sven Van-Teeffelen
Microscopy techniques and research

External Courses • International Conferences

2018 **Frank Armitage lecture series**

University of Illinois, Chicago, Illinois, USA

2016 **Introduction to Naturalistic And Scientific Illustration**

Tranzmitting Science, Barcelona, Spain

2015 **Roche Continents - Youth! Arts! Science!**

Salzburg, Austria

2014 **5th American Society for Microbiology conference on Cell-Cell Communication in Bacteria**

San Antonio, Texas, USA

Honours • Awards

2018 Faculty of Medicine

Graduate Scholarship Endowment Fund Merit Scholarships for International Students
University of Toronto

2017 Professor Nancy Grahame Joy

Biomedical Communications Entrance Award
University of Toronto

2017 Jenny Panitch Beckow Memorial Scholarship
Canada

2008, Dean's Honors List

2009 Faculty of Life Sciences,
Tel Aviv University

Skills

Software and programming

Adobe Photoshop • Adobe Illustrator •
Adobe After Effects • Adobe Premiere Pro •
Autodesk Maya • Maxon Cinema 4D •
Pixologic ZBrush • Articulate Storyline •
Mathworks MATLAB

Traditional Drawing and Painting

Graphite • Coloured pencils • Charcoal •
Pen • Oil colours

Lab techniques

Fluorescent Microscopy • Flow cytometry •
RNA-sequencing library preparation (Illumina) •
High-throughput sequencing data analysis •
Microbiological assays and cloning