

# Lukas Ritzer

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## Education & Training

- 2020 - Present  
Icahn School of Medicine at Mount Sinai, New York, NY  
Doctor of Medicine
- 2014 - 2018  
Providence College, Providence, Rhode Island  
Bachelor of Science  
Major: Biology  
Core Focus: Italian Language  
GPA: 3.70/4.00 (Magna Cum Laude)  
MCAT: 517/528 (95<sup>th</sup> Percentile)

## Research Experience

- May 2021 – August 2021  
*New York, NY*  
National Institute of Aging Medical Student Training on Aging Research (MSTAR) Grant Recipient  
Project: Improving End of Life for Older Adults with Functional Disability  
  
Principal Investigator: Claire Ankuda, M.D., MPH, Assistant Professor of Geriatrics and Palliative Care at The Mount Sinai Hospital
- January 2021 – April 2021  
*New York, NY*  
Medical Student Research Assistant at The Mount Sinai Hospital  
Project: Comparison of External Iliac Artery to Common Femoral Artery Surgical Access for Transcatheter Aortic Valve Replacement  
  
Principal Investigator: Rami Tadros, M.D., Associate Professor of Vascular Surgery, Associate Professor of Diagnostic, Molecular, and Interventional Radiology at The Mount Sinai Hospital

- June 2018 – October 2019 *Boston, MA*  
Research Assistant/Laboratory Manager at Beth Israel Deaconess Medical Center  
Project: Identification of Individual-Based Therapies for Pancreatic Cancer Patients  
  
Principal Investigator: Senthil Muthuswamy, Ph.D., Director of Cell Biology at the Cancer Center, Associate Professor of Medicine at Harvard Medical School
- May 2018 – September 2018 *Boston, MA*  
Research Coordinator at Beth Israel Deaconess Medical Center  
Project: Intuitive Multi-Center Retrospective Lobectomy Study  
  
Principal Investigator: Michael Kent, M.D., Director of Minimally Invasive Thoracic Surgery, Associate Professor of Surgery at Harvard Medical School
- August 2017 – December 2017 *Providence, RI*  
Undergraduate Research Student at Providence College  
Project: Complete Genome Sequence of *Escherichia coli* ML35  
  
Principal Investigator: Laura Williams, Ph.D, Assistant Professor of Biology at Providence College  
  
Published February 2018: Genome Announcement PMID: PMC5814495
- June 2016 – August 2016 *Boston, MA*  
Kopelman Research Fellow at Beth Israel Deaconess Medical Center  
Project: Western Thoracic Surgical Association Reimbursement Study: Should Thoracic Surgeons Be Doing EBUS And Other Advanced Bronchoscopic Cases?  
  
Principal Investigator: Michael Kent, M.D., Director of Minimally Invasive Thoracic Surgery, Associate Professor of Surgery at Harvard Medical School
- January 2014 – May 2018 *Providence, RI*  
Undergraduate Research Student at Providence College  
Project: Biochemical Identification of Bax-Inhibitor Interacting Proteins in Yeast  
  
Principal Investigator: Rev. Nicanor Austriaco, O.P., Ph.D., Professor of Biology at Providence College

## Research Poster Presentations

- May 2017

*Bari, Italy*

The International Meeting on Yeast Apoptosis

“The Parkinson’s Disease Protein Alpha-Synuclein Alters the Microenvironment of the Endoplasmic Reticulum of *Saccharomyces cerevisiae*”

- April 2015

*Philadelphia, PA*

American Association for Cancer Research

“The Yeast Homolog of the Mammalian Oncogene, Bax Inhibitor-1, Regulates the Unfolded Protein Response by Altering the ER Microenvironment”

- March 2015

*Boston, MA*

Conference for Experimental Biology

“Characterization of Yeast Bax Inhibitor, *BXI1*, Function in the Unfolded Protein Response and Calcium Signaling in *Saccharomyces cerevisiae*”

## Medical Shadowing Experience

- December 2014 – May 2018

*Boston, MA*

Undergraduate Thoracic Surgery Student at Beth Israel Deaconess Medical Center

Attending Sponsor: Michael Kent, M.D., Director of Minimally Invasive Thoracic Surgery, Associate Professor of Surgery at Harvard Medical School

Attending Sponsor: Sidhu Gangadharan, M.D., Chief, Division of Thoracic Surgery, Associate Professor of Surgery at Harvard Medical School

- May 2017 – June 2017

*London, UK*

Honorary Contract Observer at University College London Hospital

Attending Sponsor: Mr. Greg Shaw, BSc MBBS MD FRCS, Consultant Urological Surgeon and Honorary Senior Lecturer at University College London

- June 2016 – August 2016

*Boston, MA*

Kopelman Research Fellow at Beth Israel Deaconess Medical Center

Attending: Michael Kent, M.D., Director of Minimally Invasive Thoracic Surgery, Associate Professor of Surgery at Harvard Medical School

Attending: Sidhu Gangadharan, M.D., Chief of Thoracic Surgery, Associate Professor of Surgery at Harvard Medical School

Attending: Daniel Costa, M.D., Medical Oncology, Associate Professor of Medicine at Harvard

Last Updated January 2022

**Medical School**

Attending: Stuart Berman, M.D., Interventional Radiology, Associate Professor of Medicine at Harvard Medical School

Attending: Adnan Majid, M.D., Interventional Pulmonology, Associate Professor of Medicine at Harvard Medical School

**Medical Volunteer Experience**

- September 2021 – Present *New York, NY*  
Junior Clinician at East Harlem Health Outreach Partnership Free Ophthalmology Clinic
- June 2014 - August 2014 *Boston, MA*  
Summer Health Corps Patient Liaison at Beth Israel Deaconess Medical Center  
Department of Emergency Medicine  
Recipient of the Summer Health Corps Certificate of Excellence
- August 2013 – December 2013 *Webster, MA*  
Patient Transporter and Physical Therapy Assistant at Harrington Hospital

**Medical Field Work Experience**

- October 2019 – February 2020 *Boston, MA*  
Operating Room Attendant at Beth Israel Deaconess Medical Center
- June 2016 – May 2018 *Oxford, MA*  
Emergency Medical Technician at K's Ambulance

**Certifications**

- May 2016 – May 2018 *MA and RI*  
Emergency Medical Technician

**Academic Honors**

- Magna Cum Laude: Providence College
- Recipient of the Albertus Magnus Scholarship, 2014-2018, Providence College
- Recipient of the John and Abigail Adams Scholarship, 2014, Massachusetts Department of Education

**Athletic Accolades**

- 2016 Co-Founder and Vice President of Providence College Men's Club Soccer Team
- 2014 NCAA Division I Men's Soccer College Cup Final Four Participant (Providence College)
- 2014 Big East Men's Soccer Division I Champion (Providence College)
- 2013 Selected for the New England Revolution (MLS) U18 Team
- 2009 Black Belt in Shotokan Karate
- 2008 National Karate Federation Kumite Gold Medalist (Houston, TX)