

# The Azrieli Faculty of Medicine Newsletter

#65 | August 2022 | Av 5782



Location Gallery Bar-Ilan Site עברית

The Azrieli Faculty of Medicine Bar-Ilan University

## Faculty of Medicine

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### Bar-Ilan University Azrieli Faculty of Medicine

The Azrieli Faculty of Medicine in Safed was founded in 2011. The Faculty trains leading physicians and researchers to provide medical care at the most advanced level. It stresses integration of multiple cultures and diverse populations, creating a sense of commitment to health in the community, in the public health system in Israel in general and in the Galilee in particular, combined with the development of scientific and medical leadership, to promote knowledge and health.

Learn More About Us →

Read about the MD graduation, ilanot, and more in Newsletter #64 (July 2022) >>

Want to learn more? →

## THE NEW AZRIELI FACULTY OF MEDICINE WEBSITE IS UP!

With thanks to the Bar-Ilan ICT Division, our new websites in [English](#) and [Hebrew](#) are up! Feel free to take a look, and if you come across any mistakes/glitches, do [be in touch](#).

## CERTIFICATES OF APPRECIATION AWARDED TO PADEH PORIA LECTURERS

A ceremony was held on August 4, 2022 at the Baruch Padeh Medical Center in Poria to thank the Azrieli Faculty of Medicine's excellent clinical lecturers for their hard work this past academic year. Read more [here](#).



## ANATOMY INSTRUCTOR PANEL

The [anatomy instructors course](#) was developed by Prof. David Karasik and Dr. Nomy Dickman. On August 8, 2022 this year's annual panel, part of the course, focused on the topic of gender differences in the teaching of medicine among male and female doctors from a teacher's and/or student's point of view. The students in the course were exposed to the topic of gender differences in the teaching of medicine among male and female doctors both from the personal perspectives of medical leaders from our faculty and from the perspective of a female doctor who graduated from the Faculty. The Dean, Prof. Karl Skorecki, opened the panel, which was moderated by Dr. Tali Bretler, head of the Adolescent Psychiatry Department at Ziv Medical Center. Members of the panel included Dr. Erez Onn, Director General of Baruch Padeh Medical Center; Prof. Eric Shinwell, Associate Dean, Medical Education; Prof. Sophia Eilat-Tsanani, head of the Family Medicine division; Dr. Alon Barash, Anatomy course coordinator; and Dr. Inbar Hershko, a fresh graduate who now teaches the course.



## GRANTS/PRIZES/APPOINTMENTS

- Congratulations to Prof. Chaim Putterman, Associate Dean Research, upon his appointment to Chief Editor of *Translational Immunology and Pre-Clinical Models* (a specialty section of the journal *Frontiers in Lupus*).
- Congratulations to Dr. Nir Qvit upon receipt of an ISF-Canada grant, "Therapeutic peptides for Chagas disease: a new approach to cardiovascular diseases."



## PROMOTIONS

Prof. Amir Kuperman z"l was promoted to Clinical Associate Professor. The process began before his premature passing. The Faculty sends a special warm hug to his family.



## CONFERENCES

- The 4<sup>th</sup> International Congress on Molecular Targeting Therapy and Immunotherapy of Cancer took place on July 27-30, 2022 at Kibbutz Hagoshrim. The brainchild of Prof. Jamal Zidan, this year's conference welcomed some 70 lecturers and some 300 participants. Full details (in Hebrew) can be seen [here](#).
- Workshop: "Post-Genome analysis for musculoskeletal biology" took place at the Azrieli Faculty of Medicine on July 27-29, 2022. Read more [here](#).
- The Seventh Annual Israeli Society for Medical Education Conference took place on July 6, 2022. Read more [here](#).

## UPCOMING CONFERENCES

The Eli Hurvitz 11<sup>th</sup> Annual Research Day (at the Azrieli Faculty of Medicine, September 5, 2022).

## MAZAL TOV

- Mazal tov to Dr. Lilach Malatskey, Vice Dean Community Medical Education, on the birth of a granddaughter.
- Mazal tov to Danit Dasa on the birth of a son.

## MD ACCEPTANCE SEASON

Acceptance letters have been sent out to Azrieli medical school applicants. Orientation meeting will be the first day of the academic year, October 23, 2022. We look forward to sharing more details about our incoming class. Stay tuned...



## SEMINARS

- PhD Seminar: Cancer Incidence in a National Scale Registry Based Cohort in Israel during 1995-2015 Spatial Analysis and the Associations with Air Pollution and Greenness (Inass Tarabeia supervised by Dr. Keren Agay-Shay)
- Special Seminar: Culinary Medicine: a recipe for an effective medical education training program (Dr. Ran Polak, Assistant Professor, Harvard Medical School, hosted by Prof. Peter Gilbey)
- Upcoming Special Seminar: Academic integrity at the era of digital learner (Dr. Yovav Eshet, Department of Behavioral Sciences, Zefat Academic College, hosted by Dr. Alon Barash)

## RUSSELL BERRIE GALILEE DIABETES SPHERE

For latest SPHERE activity, see their Facebook page [here](#).



## MEET OUR DOCTORS

This month we would like to introduce you to **Dr. Ran Katz**, Director of the Urology Department at Ziv Medical Center.

"I love working with people, I love working with my hands and I love technology. It was clear to me from the beginning that I would be a surgeon. I came to urological surgery through my research work in medical school. I found a profession that wonderfully combines all of these together," said Dr. Ran Katz explaining his choice of specialty.



Dr. Katz is the director of the Urology department at Ziv Medical Center in Safed, married and a father of four living in Kfar Vardim. Born and raised in Jerusalem, he graduated from the medical school of the Hebrew University and Hadassah. He specialized in urology at Hadassah Ein Kerem and subspecialized in laparoscopy and oncology at the Henri Mondor Hospital in Paris, France, with further training in uro-oncology, laparoscopy and minimally invasive urology in Germany and the USA. In 2014 he was appointed director of the Urology department at Ziv and is a senior lecturer at the Azrieli Faculty of Medicine.

On his move to the north: "Moving to the north was always a dream of both of ours, and it is the best thing that happened to our family. It is true, we are a little far from the rest of the family, but our quality of life is great."

About the Faculty: "The establishment of the Faculty of Medicine in Safed 10 years ago revolutionized the hospitals of the North and Safed. The hospitals became academic and teaching hospitals. This raises the level of medicine, and attracts academic doctors from the rest of the country, who can continue to work and develop in medicine, teaching, and research. The students are an integral part of the medical team and contribute to it. Our students are motivated and of a high standard and I am proud to be part of the team that trains them. I believe with all my heart that a teaching doctor is also a learning doctor and in the end, he or she is better for his patients."

Professional interests and achievements: "In 2001-2002, I had the honor of being among the first to operate abroad with the "Da Vinci" robot, which is currently used in most major hospitals in the world....For the past five years I have been leading in Israel and around the world the study of the "butterfly," a tiny invasive device that is inserted into the prostate in order to improve urination without the need for surgery. This is an original Israeli development."

Hobbies: "Reading books, the ultimate pleasure...cycling...running and swimming.... In recent years I participated in triathlon and half marathon competitions.... At home I like to garden and renovate. If only there were 26 hours in a day."

Motto: "First be a human being, then work hard. The rest will come."



## LOCAL PAPARAZZI!

Spotted, by chance, at the opening of the Klezmer Music Festival in Safed on August 9, 2022! Two local leaders, Prof. Salman Zarka, Director of Ziv Medical Center (to left), and Prof. Karl Skorecki, Dean of the Azrieli Faculty of Medicine (to right).



## AZRIELI ALUMNI (MD, PHD, MSc): PLEASE NOTE



Please help us spread the word to Azrieli alumni that we want to keep in touch! We want to hear from them. Go to our "Request for Information" page, [here](#).

## WEBSITE: WHAT'S NEW? ([MEDICINE.BIU.AC.IL/EN](https://medicine.biu.ac.il/en))

**Publications** (<https://medicine.biu.ac.il/en/research-news>)

*Reminder that publications by Azrieli faculty are generally posted in chronological order based on publication date, per PubMed listings. If you have published an article recently that appears on PubMed but that was not listed in a Newsletter, I apologize, and please do let me know.*

**PLEASE NOTE: ALL PUBLICATIONS BY RESEARCHERS AT AZRIELI OR ITS AFFILIATE RESEARCH CENTERS MUST PROPERLY CITE THIS AFFILIATION: Azrieli Faculty of Medicine, Bar-Ilan University, Safed, Israel. IF YOU ARE UNSURE OR NEED GUIDANCE, PLEASE CONTACT US.**



- Sunanda Biswas Mukherjee, Sumit Mukherjee, Milana Frenkel-Morgenstern: Fusion proteins mediate alternation of protein interaction networks in cancers (Adv Protein Chem Struct Biol .)
- Fares Kablan, Daniel Oren, Asaf Zigran, Idan Redenski, Samer Srouji: Expanding The Surgeon's Armamentarium - Use of the Tubing Technique to Preserve the Inferior Alveolar Nerve During Transposition Procedure (J Oral Implantol .)
- Sumit Mukherjee, Mahua Bhattacharya, Rajesh Detroja, Gideon Baum, Milana Frenkel-Morgenstern: Clinical and Molecular Characterization of a Rare Case of BNT162b2 mRNA COVID-19 Vaccine-Associated Myositis Vaccines (Basel) .)
- Tsafrir Or: Temporal Trends in the Prevalence, Treatment and Outcomes of Patients with Acute Coronary Syndrome at High Bleeding Risk (Diagnostics (Basel) .)



- Sumit Mukherjee, Rajesh Detroja, Gon Carmi, Milana Frenkel-Morgenstern: Incipient Sympatric Speciation and Evolution of Soil Bacteria Revealed by Metagenomic and Structured Non-Coding RNAs Analysis (Biology (Basel) .)
- Hadas Samuels, Malki Malov, Trishna Saha Detroja, Karin Ben Zaken, Naamah Bloch, Meital Gal-Tanamy, Orly Avni, Baruh Polis, Abraham O Samson: Autoimmune Disease Classification Based on PubMed Text Mining (J Clin Med .)
- Michal Werbner, Joel Alter, Moshe Dessau, Meital Gal-Tanamy: Anti-TNF $\alpha$  Treatment Impairs Long-Term Immune Responses to COVID-19 mRNA Vaccine in Patients with Inflammatory Bowel Diseases (Vaccines (Basel) .)
- Avi Benov: The association between helicopter emergency medical services and early casualty survival: a nationwide study (Eur J Emerg Med.)
- Jacob Bornstein: Terminology for cone dimensions after local conservative treatment for cervical intraepithelial neoplasia and early invasive cervical cancer: 2022 consensus recommendations from ESGO, EFC, IFCPC, and ESP (Lancet Oncol .)
- Tawfik Khoury, Wisam Sbeit: Antibioprophylaxis in Endoscopic Ultrasound guided Fine Needle Aspiration in Pancreatic Cysts: A Systematic Review and Meta-Analysis (J Gastroenterol Hepatol .)
- Shira Ben Simon, Sondra Turjeman: Lasting Effects of Helicobacter pylori Infection on the Microbial Communities of Patients with and without Small Intestinal Bacterial Overgrowth (New Microbiol .)
- Avi Benov: The Influence of Gender Bias: Is Pain Management in the Field Affected by Health Care Provider's Gender? (Prehosp Disaster Med .)
- Wisam Sbeit, Hani Abukaes, Helal Said Ahmad, Moeen Sbeit, Amir Mari, Tawfik Khoury: The possible association of proton pump inhibitor use with acute cholangitis in patients with choledocholithiasis: a multi-center study (Scand J Gastroenterol .)
- Joel Alter, Michal Werbner, Moshe Dessau, Meital Gal-Tanamy: Conformational flexibility in neutralization of SARS-CoV-2 by naturally elicited anti-SARS-CoV-2 antibodies (Commun Biol .)
- Edo Y Birati: Hemodynamic reserve predicts early right heart failure after LVAD implantation (J Heart Lung Transplant .)
- Tal Shachar: Novel Technologies in Chronic Wound Care (Semin Plast Surg.)
- Tal Shachar: Evolving Trends in Breast-Implant-Based Procedures in Israel: A National Survey (Semin Plast Surg .)
- Omer I Sagi, Nissan Ohana, Leonid Kogan: The Impact of the Syrian Civil War on One Department in an Israeli Hospital (Semin Plast Surg .)
- Tal Shachar: Medical Students' Knowledge of Plastic Surgery as a Reflection of the Public Perception (Semin Plast Surg .)
- Danna Krupik: Should COVID-19 vaccines be mandated in schools? - an international caregiver perspective (Vaccine .)



- Yair Blumberg, Michael Edelstein, Kamal Abu Jabal, Ron Golan, Neta Tuvia, Yuval Perets, Musa Saad, Tatyana Levinas, Dabbah Saleem, Zeev Israeli, Abu Raya Alaa, Gabby Elbaz Greener, Anat Amital, Majdi Halabi: Protective Effects of BNT162b2 Vaccination on Aerobic Capacity Following Mild to Moderate SARS-CoV-2 Infection: A Cross-Sectional Study Israel (J Clin Med .)
- Edo Y Birati: The Anemia Stress Index-Anemia, Transfusions, and Mortality in Patients with Continuous Flow Ventricular Assist Devices (J Clin Med .)
- Shon Dahan Nassy, Maya Azrad, Said Abozaid, Daniel Glikman, Hiba Zayyad, Adi Zaidman-Shimshovitz, Avi Peretz: Assessing the impact of a positive Biofire® FilmArray® Meningitis/Encephalitis Panel result on clinical management and outcomes (Diagn Microbiol Infect Dis .)
- Khalaf Kridin: DNA-Chip-basierte Diagnose der Onychomykose und Tinea pedis (J Dtsch Dermatol Ges .)
- Sophia Eilat-Tsanani: Detection of Hepatitis D Virus: Performance in the Community (Isr Med Assoc J .)
- Khalaf Kridin: Risk of cardiovascular diseases in pyoderma gangrenosum: A population-based study (J Eur Acad Dermatol Venereol .)
- Karl Skorecki: WHO's Palestinian statistics: what's Israel got to do with it? (Lancet .)
- Raymond Farah: Correction to: Lithium's Gene Expression Profile, Relevance to Neuroprotection A cDNA Microarray Study (Cell Mol Neurobiol .)
- David Peleg: Suture type for hysterotomy closure: a systematic review and meta-analysis of randomized controlled trials (Am J Obstet Gynecol MFM)

#### Faculty News (<https://medicine.biu.ac.il/en/faculty-news>)

- [Anatomy Instructors Course Coda](#) On August 11, 2022 the ninth cohort of the Anatomy Instructors course, led by Prof. David Karasik and Dr. Nomy Dickman, convened for their final meeting...
- [Workshop: "Post-Genome analysis for musculoskeletal biology" at the Azrieli Faculty of Medicine](#) Organized by Prof. David Karasik and Dr. Chen Shochat-Carvalho of the Musculoskeletal Genetics Laboratory, this workshop took place at the Azrieli Faculty on July 27-29, 2022...
- [Seventh Annual Israeli Society for Medical Education Conference](#) The seventh annual conference of the Israeli Society for Medical Education (הי"ר) of the Israeli Medical Association was held on July 6, 2022...



- [Certificates of Appreciation Awarded to Padeh Poria Lecturers](#) The final of a series of ceremonies this academic year aimed at thanking the Azrieli Faculty of Medicine's excellent clinical lecturers, was held on August 4, 2022 at the Baruch Padeh Medical Center in Poria...
- [Certificates of Completion to Graduates of Early Childhood Psychiatry Program \(Designated Programs\)](#) Congratulations to 27 medical professionals who received certificates following their completion of a Bar-Ilan University Designated Programs course on mental health in the first five years of a child's life...
- [New ISF Grant Winners](#) Congratulations to Azrieli Faculty of Medicine PIs (principal investigators) who just won ISF Grants...



Prof. Evan Elliott Dr. Ronit Ilouz Prof. Amnon Harel

### Faculty Press Exposure (<https://medicine.biu.ac.il/en/media>)

- [חדשות הגליל: הכנס הבינלאומי לטיפול ביולוגי וטיפולים אימונותרפיים בסרטן \(פרופ' זמאל זידאן\)](#)
- [walla.co.il: האם אנטיביוטיקה גורמת לעצבנות יתר? \(פרופ' עמרי קורן\)](#)
- [Haaretz.co.il: תחקיר סיינס מעלה חשד לשיבוש בממצאים במחקר מפתח בתחום האלצהיימר \(ד"ר רונית אילוז\)](#)
- [thejewishvoice.com: Study: Vitamin D deficiency raises risk of death from COVID by 50% \(Dr. Amiel Dror\)](#)
- [TimesOfIsrael.com: Moderna's new variant-busting COVID vaccine starting trial in Israel \(Prof. Michael Edelstein\)](#)

### Image Gallery (<https://medicine.biu.ac.il/en/gallery>)

No new pictures this time...

## ADDITIONS, UPDATES, COMMENTS? WRITE TO US [HERE](#)





## AND FOR SOME PROMOTIONAL ANNOUNCEMENTS...



# The Eli Hurvitz z"l 11<sup>th</sup> Annual Research Day September 5<sup>th</sup>, 2022

- 08:30** Registration
- 09:00** Welcome remarks
- 09:20** Keynote speaker: **Prof. Ran Balicer**, Chief Innovation Officer at Clalit: Data-driven innovation in healthcare
- 10:05** Session 1
- 11:20** Coffee Break
- 11:40** Session 2
- 13:10** Lunch Break & Poster Session
- 14:40** Session 3
- 16:10** Keynote speaker: **Prof. Batsheva Kerem**, Department of Genetics, HUJI: The Cystic Fibrosis Journey: from gene cloning to drug development
- 16:55** Awards & Concluding remarks

[For Registration >>](#)

For further details:  
[nurith.maor@biu.ac.il](mailto:nurith.maor@biu.ac.il); [dorith.raviv-shay@biu.ac.il](mailto:dorith.raviv-shay@biu.ac.il)





## Epidemiology, Complications and Management of Diabetes

**Guest Editor**  
Prof. Dr. Farid M. Nakhoul

**Deadline**  
20 April 2023

# Special Issue

[mdpi.com/si/131599](https://mdpi.com/si/131599)

Invitation to submit



## Epidemiology, Complications and Management of Diabetes

Guest Editor:

### Message from the Guest Editor

**Prof. Dr. Farid M. Nakhoul**

1. The Cardiovascular and  
Diabetes Lab, Research Institute,  
The Galilee Medical Center,  
Nahariya, Israel  
2. The Azrieli Faculty of Medicine,  
Bar-Ilan University, Ramat Gan,  
Israel

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Deadline for manuscript  
submissions:  
**20 April 2023**

Type II diabetes mellitus is a severe metabolic disorder, characterized by chronic hyperglycemia associated with increased glucose cell toxicity, that leads to irreversible renal and pancreatic cell damage. Autophagy/klotho pathways play a key role in damaged intracellular protein degradation, intracellular homeostasis, and cell integrity maintenance. Recent studies have shown a decrease in  $\alpha$ -klotho and autophagy proteins (ATG5/LC3-II) as well as in the expression of DMs' kidney and pancreatic  $\beta$  cells. Both  $\alpha$ -klotho and autophagy key proteins can play a protective role against DM complications, such as diabetic nephropathy.

Chronic glucose exposure damages renal epithelial and  $\beta$  cells via the downregulation of klotho and autophagy processes. Recently, autophagy and klotho processes were identified as two protective pathways that can maintain renal and pancreas integrity as well as function, especially via the involvement of their key proteins, ATG5/LC3-II.



[mdpi.com/si/131599](https://mdpi.com/si/131599)

# Special Issue



## Bar-Ilan University Designated Programs Course: Point of Care Ultrasound



קורס ה-POCUS בפקולטה לרפואה ע"ש עזריאלי של אוניברסיטת בר-אילן, מציע הכשרה מקיפה במגוון תחומים עם דגש על אבחון מצבים רפואיים דחופים.

### לימודי אולטרה-סאונד **POCUS** Point of Care Ultrasound

#### מבנה הקורס:

כל מפגש יחולק לחלק תיאורטי ולחלק מעשי. תרגול מעשי יתבצע על מכשירי אולטרה-סאונד ניידיים יתבצע ע"י רופאים מתחומי הקרדיולוגיה, רדיולוגיה ורפואה דחופה.

#### מטלות:

כחלק מההכשרה המעשית, המשתתפים ינהלו יומן במסגרתו יערכו בדיקות קליניות במסגרת עבודתם.

#### עלויות והרשמה:

דמי הרשמה: 250 ש"ח  
שכר לימוד: 3,500 ש"ח

רוצים לשמוע עוד על תוכני הקורס?  
ד"ר יאיר בלומברג [Yair.blumberg@biu.ac.il](mailto:Yair.blumberg@biu.ac.il)  
ד"ר בת שבע צדוק [tzadokbatsheva@gmail.com](mailto:tzadokbatsheva@gmail.com)

מפגש פעם בשבועיים  
17.1.23 - 2.11.2022

#### למי הקורס מיועד?

רופאים כללים, רופאי משפחה,  
רופאים פנימיים, רופאים כירורגיים,  
רופאי רפואה דחופה, רופאי ילדים  
ועוזרי רפוא.

לפרטים נוספים בנושא הרשמה:  
[shruga.lapides@biu.ac.il](mailto:shruga.lapides@biu.ac.il) | 03-7384747  
[desigprog.biu.ac.il](mailto:desigprog.biu.ac.il) המדור לתוכניות ייעודיות:

[medicine.biu.ac.il](http://medicine.biu.ac.il)

משפיעים על המחר, היום.





המדור לתוכניות מובנות  
ולמודי תעודה  
המערך לתוכניות ייעודיות  
אוניברסיטת בר-אילן



## לימודי פסיכיאטריה

### בריאות הנפש בחמש השנים הראשונות לחיים

מטרת הלימודים להכשיר אנשי מקצוע בתחום בריאות הנפש לעבודה קלינית

מגיל הינקות ועד הגיל הרך (גילאי 0-5 שנים). ההכשרה כוללת:

- העמקת הידע בפסיכופתולוגיה בגיל הינקות והרך (דגש על התפתחות ופסיכופתולוגיה)
- הקניית כלים לתצפית, הערכה ואבחון של ילדים צעירים (0-5 שנים)
- הכרת גישות שונות להתערבות טיפולית בגיל הרך

התוכנית בשיתוף עם הפקולטה לרפואה בצפת והמרכז הרפואי זיו וכוללת את מיטב הפסיכיאטרים המומחים בתחום. בהובלתן של:



ד"ר איזבל מירוצ'ניק.



ד"ר מירי קרן

**משך הקורס:**

בימי שלישי בין השעות 15:00 - 19:30. בין התאריכים: 25/10/22 עד 19/07/23.

**מבנה הקורס:**

כל מפגש יחולק לחלק עיוני וחלק סדנאי:

1. שלוש שעות עיוניות.
2. שעה וחצי – דיון רב משתתפים על מקרים קליניים ו/או תצפיות על תינוקות והורים שיוצגו על ידי הסטודנטים.

**קהל יעד:**

- רופאים מומחים בפסיכיאטריה ובפסיכיאטריה של הילד והמתבגר.
- רופאים מומחים ברפואת המשפחה, רפואת ילדים ונורולוגיה והתפתחות הילד.
- פסיכולוגים, עובדים סוציאליים, מטפלים באומנות בעלי תואר שני.
- אנשי מקצוע מתחומי הבריאות וטיפול אחיות, מרפאים בעיסוק, קלינאיות תקשורת, פיזיותרפיה בעלי תואר שני העובדים עם ילדים בגיל הרך והורים.

**עלות הקורס:**

סמסטר א' - 2500 ₪ | סמסטר ב' - 2500 ₪ | סמסטר קיץ - 2500 ₪

**מועד אחרון לרישום 10.10.2022** (הרישום לתוכנית לכלל הסמסטרים יחד)

\*קבלת התעודה מותנית בהצלחה במבחן.



להרשמה ופרטים נוספים: | shraga.lapides@biu.ac.il | 03-7384747:70 | אתר המדור | [desigprog.biu.ac.il](http://desigprog.biu.ac.il)

משפיעים על המחר, היום. מוקד המידע לשירותך: \*9392 | [biu.ac.il](http://biu.ac.il)

