

*The 10<sup>th</sup> Annual Translational Research Day*

*The Azrieli Faculty of Medicine*

*Bar-Ilan University*

כ"א בתמוז התשפ"א 1<sup>st</sup> July, 2021

**Program**

**08:30-9:00 Registration**

**09:00-09:15 Welcome remarks:**

Prof. Karl Skorecki, Dean

Prof. Tzipora Falik-Zaccai, Vice Dean for Medical Research

**09:15-10:00 Morning keynote: Prof. Yehudit Bergman, The Hebrew University of Jerusalem**  
**Asynchronous DNA replication; a novel form of epigenetic regulation that controls cell identity within the immune, sensory and motility systems**

**10:00-11:15 Session 1, Moderators: Dr. David Azoulay, Dr. Batsheva Tzadok**

10:00  $\beta$ -cell stabilization to facilitate efficient  $\beta$ -cell neogenesis in diabetics

**Yara Hamshawi**, Azrieli Faculty of Medicine, Bar-Ilan University

10:15 CRISPR-PITA: A CRISPR/dCas9 based assay to determine recruitment relations between proteins

**Supriya Bhattacharya**, Azrieli Faculty of Medicine, Bar-Ilan University

10:30 Haploinsufficiency of CHD8 Leads to Distinctive Gastrointestinal Deficits and Gut-Brain Axis Abnormalities

**Ipsita Chatterjee**, Azrieli Faculty of Medicine, Bar-Ilan University

10:45 Functional and Evolutionary Insights from the Crystal Structure of the Nucleocapsid (N) protein of the Fig Mosaic Virus (FMV)

- Lee Izhaki-Tavor**, Azrieli Faculty of Medicine, Bar-Ilan University
- 11:00 DNA as novel biomarker in glioma cancer diagnoses exosomal  
**Lee Azolai**, Azrieli Faculty of Medicine, Bar-Ilan University
- 11:15-11:45 Coffee Break**
- 11:45-12:45 Session 2, Moderators: Dr. Limor Meoded-Danon, Dr. Najib Dali**
- 11:45 Analyzing Chromatin Compaction in Protozoa and the Effect of Histones  
Overexpression on Nuclear Organization  
**Katreena Yamin**, Azrieli Faculty of Medicine, Bar-Ilan University
- 12:00 Ngly-1 deficiency is associated with reduced expression of the protein AQP1 and  
might explain the phenotype of alacrima in the patients  
**Golan Nadav**, Galilee Medical Center; Azrieli Faculty of Medicine, Bar-Ilan  
University
- 12:15 Keeping Our Children Safe: Implementing SHABI (SHomrim Al Betichut Iladenu) A  
Home-Visitation Program in A Hospital Setting  
**Ligat Daudi**, Azrieli Faculty of Medicine, Bar-Ilan University
- 12:30 Patterns of salivary microbiota injury and oral mucositis in recipients of  
allogeneic hematopoietic stem cell transplantation  
**Adi Eshel**, Azrieli Faculty of Medicine, Bar-Ilan University
- 12:45-13:30 Noon keynote: Prof. Gil Ast, Tel Aviv Univeristy**  
**The importance of alternative splicing, chromatin and epigenetic in human  
complexity**
- 13:30-15:00 Lunch Break & Poster Session**

- 15:00-16:15 Session 3, Moderators: Prof. Michael Edelstein, Prof. Odeh Marwan**
- 15:00 The Molecular Signature of Helicobacter pylori Infection in Gastric Cancer  
**Rose Jbara**, Azrieli Faculty of Medicine, Bar-Ilan University
- 15:15 An adherent invasive E coli from a Crohn's disease (CD) patient drives CD-like ileitis in mice carrying the CD-associated T300A mutation in Atg16l1  
**Shahar Tel Paz**, Azrieli Faculty of Medicine, Bar-Ilan University
- 15:30 Should pregnant women be screened for COVID-19 infection? A prospective multicenter cohort study  
**Amit Gal Harnik**, Baruch Padeh Medical Center Poriya; Azrieli Faculty of Medicine, Bar-Ilan University
- 15:45 SARS-CoV-2 entry is enhanced in HCV pre-infected hepatocytes leading to HCV-SARS-CoV2 co-infection state  
**Tom Neimarkas**, Azrieli Faculty of Medicine, Bar-Ilan University
- 16:00 SARS-CoV-2 Immunogenicity in individuals infected before and after COVID-19 vaccination  
**Kamal Abu Jabal**, Ziv Medical Centre; Azrieli Faculty of Medicine, Bar-Ilan University
- 16:15-16:45 Panel: The importance of scientific inquiry - Lessons from COVID 19,**  
**Moderator: Prof. Chaim Putterman**  
Participants: Prof. Karl Skorecki, Dr. Meital Gal-Tanamy, Dr. Amiel Dror, Dr. Avi Peretz
- 16:45-17:00 Awards & Concluding Remarks**

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