

The Israel Crystallographic Association and Structural Biology Meeting 2019

May 30, 2019 @ Schulich Faculty of Chemistry, Lecture Hall 1, Technion

Meeting Program

Time	Talk / Speaker
09:00-09:40	Registration and coffee
	Morning session: Chairs - Noam Adir & Meytal Landau
09:40-09:50	Menahem Kaftory - Opening remarks in memory of Joel Bernstein and Israel Goldberg
09:50-09:55	Moshe Dessau - Remarks in memory of Prof. Michael Rossmann
09:55-10:15	Rotem Rubinstein (TAU) <i>"From membrane interaction to neuronal self-avoidance"</i>
10:15-11:00	Keynote lecture: Prof. Grant Jensen (Caltech, Pasadena CA, USA) <i>'Electron cryotomography: Progress and potential'</i>
11:00-11:30	Coffee break
11:30-11:50	Moshe Dessau (Bar Ilan) <i>"If you want to get together, you'll need to adapt - Structure-function studies of Glycoprotein N from Tomato Spotted Wilt Virus (TSWV)"</i>
11:50-12:00	Chana Sokolik (Jordan H. Chill's lab, Bar Ilan) <i>"NMR Study of Two Regulatory Complexes Involving Cortactin's SH3 Domain"</i>
12:00-12:20	Eitan Lerner (HUJI) <i>"MC-DEPI- a milestone towards empirically-restrained structural modelling of conformations using single-molecule FRET"</i>
12:20-12:25	Shalev Gihaz (Ayelet Fishman's lab, Technion) <i>"Structure-Guided Lipase Engineering for Enhanced Stability in Methanol"</i>
12:25-12:30	Sabreen Higazy (Mickey Kosloff's lab, Haifa) <i>"Identifying the structural elements in Gs that determine interaction specificity towards RGS proteins"</i>
12:30-12:35	Juana Bana (Oded Livnah's lab, HUJI) <i>"Agroavidin: Extending the Biotin-Based Toolbox"</i>
12:35-12:40	Oksana Degtjarik (Zippora Shakked's lab, WIS) <i>"High-resolution crystallographic studies on reactivation of cancer-related p53 mutants by a small drug molecule"</i>
12:40-13:40	Lunch, ICA Society meeting (@13:20) and Poster preparation
	Afternoon session: Chair – Yoni Haitin
13:40-14:00	Roy Beck (TAU) <i>"Mind the gap: polyampholytes meet the neuronal skeleton"</i>
14:00-14:20	Dr. Andrew Goulter (Head of Business - Asia Pac & EEMEA, TTP Labtech Limited) <i>'Chameleon: A pico-liter dispense, self-wicking system for automated plunge freezing in Cryo-EM'</i>
14:20-14:40	Inbal Tuvi-Arad (The Open University) <i>"Chiral Ramachandran Plots and the Protein Chirality Spectrum"</i>
14:40-14:45	Noa Keren-Khadmy (Raz Zarivach's lab, BGU) <i>"The dual role of MamB in magnetosome membrane"</i>
14:45-14:50	Yizhaq Engelberg (Meytal Landau's lab, Technion) <i>"Self-assembling Human Derived Antimicrobial Peptide"</i>
14:50-14:55	Dvir Harris (Noam Adir's lab, Technion) <i>"Structural rearrangements in the C-terminal domain homolog of Orange Carotenoid Protein are crucial for carotenoid transfer"</i>
14:55-15:00	Gabe Javitt (Deborah Fass's lab, WIS) <i>"Structure of the Muc2 Multimerization Module Illuminates the Intestinal Mucin Assembly Mechanism"</i>
15:00-16:00	Poster session and TCSB tour (@15:30)
	Afternoon session: Chair – Reuven Wiener
16:00-16:20	Linda Shimon (WIS) <i>"Metal-Organic Frameworks: morphology, structure and chirality"</i>
16:20-16:40	Yarden Opatowsky (Bar Ilan) <i>"Structural Principles in Robo Activation and Autoinhibition"</i>
16:40-16:45	Nir Salinas (Meytal Landau's lab, Technion) <i>"Extreme Amyloid Polymorphism in Staphylococcus aureus Virulent PSMα Peptides"</i>
16:45-16:50	Kathakali Das (Alexander Rouvinski's and Reuven Wiener's labs, HUJI) <i>"Characterization of glycoproteins from insect specific Goutanap and Negev viruses"</i>
16:50-16:55	Shiran Barber-Zucker (Raz Zarivach's lab, BGU) <i>"Deciphering the role of the cation diffusion facilitator proteins cytoplasmic domain"</i>
16:55-17:00	Michal Lisnyansky (Yoni Haitin's lab, TAU) <i>"Mg2+ misassignments resolved: studies of metal coordination in GGPPS-bisphosphonates interactions"</i>
17:00-17:05	Aliza Borenstein-Katz (Ron Diskin's lab, WIS) <i>"Structure-based Optimized Antibody for Targeting"</i>
17:05-17:15	Short break
17:15-17:25	Best student talk and poster awards and closing remarks