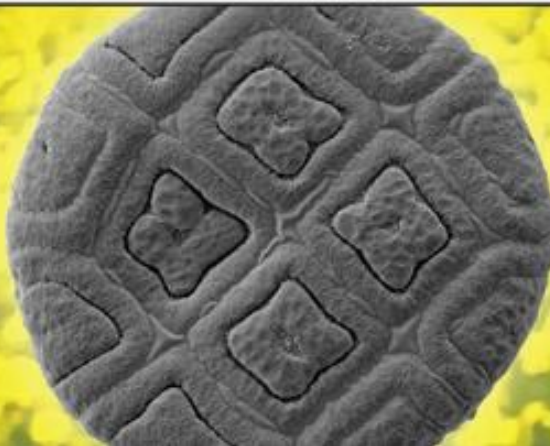


ISM2019

The 53rd Annual Meeting
of the Israel Society
for Microscopy



האגודה הישראלית למיקרוסקופיה
THE ISRAEL SOCIETY FOR MICROSCOPY
A PRELIMINARY WORKSHOP



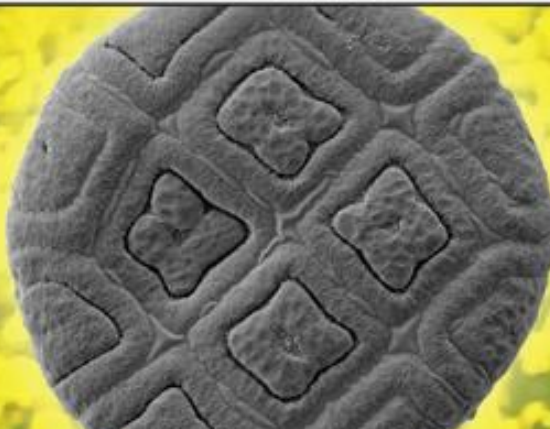
Super-Resolution Microscopy

Tuesday May 28th 2019, Bar-Ilan University

08:00 - 08:30	Registration & Refreshments	Entry Floor	
Session One: 08:30 – 10:00	Dr. Avi Jacob	<i>Life Science's Equipment Unit, Bar-Ilan University</i>	
08:30 - 09:00	<i>Prof. Ephraim Zehavi</i>	<i>Dean of the Faculty of Engineering</i>	<i>Greetings</i>
09:00 - 09:30	<i>Prof. Yaron Shav-Tal</i>	<i>Bar-Ilan University</i>	<i>Characterizing nucleo-cytoplasmic mRNA export at high resolution in single cells</i>
09:30 - 10:00	<i>Dr. Yoav Shechtman</i>	<i>Technion</i>	<i>Point spread function engineering in optical microscopy</i>
10:00 - 10:30	Coffee Break	5th Floor	
Session Two: 10:30 – 14:30	Workshops		
10:30 - 11:00	<i>1st Workshops Cycle</i>	<i>Dividing to groups</i>	
11:00 - 11:30	<i>2nd Workshops Cycle</i>	<i>Dividing to groups</i>	
11:30 - 12:00	<i>3rd Workshops Cycle</i>	<i>Dividing to groups</i>	
12:00 - 12:30	<i>4th Workshops Cycle</i>	<i>Dividing to groups</i>	
12:30 - 13:30	Lunch	Entry Floor	
13:30 - 14:00	<i>5th Workshops Cycle</i>	<i>Dividing to groups</i>	
14:00 - 14:30	<i>6th Workshops Cycle</i>	<i>Dividing to groups</i>	
Session Three: 14:30 – 17:30	Prof. Mira Barda-Saad	<i>Faculty of Life Sciences, Bar-Ilan University</i>	
14:30 - 15:00	<i>Prof. Benjamin Podbilewicz</i>	<i>Technion</i>	<i>How endocytosis controls cell-cell fusion</i>
15:00 - 15:30	Coffee Break	Entry Floor	
15:30 - 16:00	<i>Dr. Eilon Sherman</i>	<i>Hebrew University</i>	<i>Single-molecule imaging of immune cell activation</i>
16:00 - 16:30	<i>Dr. Natalie Elia</i>	<i>Ben-Gurion University</i>	<i>Applying SR microscopy to study the structure and function of the ESCRT membrane fission machine</i>
16:30 - 17:00	<i>Prof. Sophia Antimisiaris</i>	<i>University of Patras, Greece</i>	<i>Morphological assesment of liposomes and other types of vesicles. Current needs in the nanomedicine/drug-delivery system field</i>
17:00 - 17:30	<i>Prof. Yaron Shav-Tal</i>	<i>Bar-Ilan University</i>	<i>Closing Words</i>

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Workshops list

<i>Ulf Schwarz, Leica Global Application Specialist</i>	"STED for advanced applications"	<i>Bld 206, Rm C563</i>
<i>Dr. Michael Assa, BIU Tzefat</i>	Laser Microdissection (LMD)	<i>Bld 206, Rm C572</i>
<i>Dr. Avi Jacob, Life Science's Equipment Unit, BIU</i>	Stimulated Emission Depletion super-resolution (STED)	<i>Bld 206, Rm C573</i>
<i>Dr. Sergei Grigoryan, Dover application specialist</i>	THUNDER Imager 3D	<i>Bld 206, Rm C575</i>
<i>Dr. Daniel Koch, ZEISS</i>	"Advanced 3D Fluorescence Super-Resolution Imaging Solutions for Live Cell and Deep Tissue Imaging"	<i>Bld 206, Rm B991</i>
<i>Doron Gerber's Lab, Bar- Ilan University</i>	"Application of integrated microfluidics for biology"	<i>Bld 206, Rm A811</i>
<i>Bruno Combettes, business development manager, ANDOR</i>	"ANDOR SRRF-STREAM : real-time super-resolution analysing radial fluctuations of fluorophores"	<i>Bld 206, Rm C561</i>