

**International Workshop for Young scientists, Postdocs,
 Master/PhD students and
 Young physicians**

Computer-based design and development of novel beta cells pioneering treatment of both types of diabetes: From insulin mimetics to the artificial pancreas - Comprehensive approaches in antidiabetic therapy

- Medicinal chemistry
- Insulin mimetics
- Insulin production
- Insulin secretion
- Nanotechnology
- Artificial pancreas
- Artificial islets
- Bionic pancreas
- Closed-loop devices
- Robotic pancreas
- Pancreas/islets transplantation
- Monoclonal antibody-based drugs
- Stem cell therapy
- Beta-cells and peripheral tissue crosstalk

Invited Speakers:

Prof. Steven Chessler	University of California, Irwin, USA
Prof. Shlomo Sasson	Hebrew University of Jerusalem, Israel
Prof. Eli Lewis	Ben-Gurion University of the Negev, Israel
Prof. Stefan Bornstein	University of Dresden, Germany
Prof. Bridget Wagner	Broad Institute, Massachusetts Institute of Technology, USA
Prof. Mike Walker	Weizmann Institute of Science, Israel
Prof. Sara Ferber	Tel Aviv University and Tel HaShomer Hospital, Israel
Prof. Juergen Eckel	German Diabetic Center, Dusseldorf, Germany
Prof. Itamar Raz	Hadassah Organization, Hebrew University Medical School, Israel
Prof. Shulamit Levenberg	Technion, Israel
Dr. Uriel Barkai	Beta-O ₂ , Israel
Dr. Tovit Rosenzweig	Ariel University, Israel
Dr. Leonardo Ricotti	The BioRobotics Institute, Pontedera, Italy
Prof. Haim Cohen	Bar-Ilan University, Israel
Prof. Danielle Melloul	Hadassah Organization, Hebrew University Medical School, Israel
Prof. Ittai Ben-Porath	Hebrew University of Jerusalem, Israel
Prof. Rachela Popovtzer	Bar-Ilan University, Israel
Prof. Gil Leibowitz	Hadassah Organization, Hebrew University Medical School, Israel
Dr. Ron Piran	Bar-Ilan University, Israel
Prof. Krzysztof Jozwiak,	Medical University of Lublin, Poland

29- January-1 February, 2018
**Bar-Ilan University, Ramat-Gan,
 Israel**

Local Organizing Committee:

Dr. A. Gruzman	Bar-Ilan University
Prof. J-P. Lellouche	Bar-Ilan University
Dr. K. Molakandov	"Kadimastem"
Ms. Eity Appel	Bar-Ilan University

Save the Date

10 student
 abstracts will be
 selected for oral
 presentations.

**Registration fee
 is only \$85**