



## Cardiac Biomarkers Symposium

High Sensitive Troponin: Present and Future

24-26 September 2019

Bar Ilan University | Tel Aviv Israel

# SYMPOSIUM PROGRAM

## TUESDAY, SEPTEMBER 24, 2019

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|-------------|---|
| 8:15–9:00   | Get together  |
| 9:00–9:30   | Opening and greetings   |
| 9:30–10:30  | <b>Plenary 1: Prof Marcelle Mahlouf (Technion, Israel)</b><br><b>Nature inspired biomaterial to treat broken heart</b>  |
| 10:30–11:00 | Coffee Break  |
| 11:00–13:30 | <b>Session 1: Clinical aspects for implementing the use of high sensitive troponin</b><br>Chair: <b>Prof Offer Amir</b> (Baruch Padeh Medical Center, Poriya, Israel) <ul style="list-style-type: none"> <li>● <b>Prof Kristian Thygesen (Aarhus University Hospital, Denmark)</b><br/><b>The Fourth Universal Definition of Myocardial Infarction.</b></li> <li>● <b>Prof Allan S. Jaffe (Mayo Clinic, USA)</b><br/><b>Practical Implementation of High Sensitivity cardiac troponin – gaps and potential problems.</b></li> <li>● <b>Dr Gabby Elbaz Greener (Cardiovascular Division, Baruch Padeh Medical Center, Israel)</b><br/><b>Troponin: Point of view of the cardiologist</b></li> <li>● <b>Prof Fred Apple (Hennepin County Medical Center/University of Minnesota, USA)</b><br/><b>UTROPIA Approach for Implementation of High-Sensitivity Cardiac Troponin Into Clinical Practice</b></li> </ul> |
| 13:30–14:30 | Lunch   |
| 14:30–15:30 | <b>Session 2: Use of Troponin for risk stratification of cardiovascular diseases</b><br>Chair: <b>Dr. Tamar Stam</b> (Meuhedet Health Maintenance Organization, Israel) <ul style="list-style-type: none"> <li>● <b>Prof Allan S. Jaffe (Mayo Clinic, USA)</b><br/><b>Studies versus Implementation in Individual Patients – words of caution.</b></li> <li>● <b>Dr Dimitrios Farmakis (University of Cyprus Medical School, Cyprus)</b><br/><b>High-sensitivity cardiac troponin I in general population screening</b></li> </ul>  |

## WEDNESDAY, SEPTEMBER 25, 2019

- 9:30–10:30 **Plenary 2: Prof Jack Ladenson (Washington University in St. Louis, USA)**  
**Higher sensitivity troponin, how we got there**
- 10:30–11:00 Coffee break
- 11:00–12:30 **Session 3: Update on cardiac biomarkers**  
Chair: Prof Oren Zinder (Formerly from Rambam Health Care Campus, Israel)
- **Prof Fred Apple (Hennepin County Medical Center/University of Minnesota, USA)**  
**Clinical Laboratory Practice Recommendations for the Use of High Sensitivity Cardiac Troponin: A Great Patient Care Tool If Utilized Appropriately**
  - **Prof Johannes Mair (Innsbruck Medical University, Austria)**  
**Troponin release from injured myocardium**
- 12:30–13:30 Lunch
- 13:30–15:00 **Session 4: BNP and NT-PROBNP**  
Chair: Dr Marielle Kaplan (Rambam Health Care Campus, Haifa Israel)
- **Dr Dimitrios Farmakis (University of Cyprus Medical School, Cyprus)**  
**Natriuretic peptides in clinical practice**
  - **Prof Johannes Mair (Innsbruck Medical University, Austria)**  
**ProBNP derived peptides in the circulation – impact of sacubitril treatment on BNP interpretation**
  - **Dr Yaron Helman (Rambam Health Care Campus, Haifa Israel)**  
**The use OF NT-PROBNP in heart failure: From diagnosis to prognosis**

## THURSDAY, SEPTEMBER 26, 2019

- 9:30–10:30 **Plenary 3: Prof Tal Dvir (Tel Aviv University, Israel)**  
**Tissue engineering: from 3D printing to bionic organs**
- 10:30–11:00 Coffee break
- 11:00–12:30 **Session 5: New technologies for clinical diagnostics:**  
Chair: Dr Amos Danielli (Bar Ilan University, Israel)
- **Dr Amos Danielli (Bar Ilan University, Israel)**  
**Magnetic modulation biosensing for rapid detection of cardiac biomarkers**
  - **Gay Talmor (Sight)**  
**Sight, the future of blood diagnostics**
  - **Dr Emil Katz (Novamed)**  
**The diagnostic performance of a dual marker test-Novamed's Sens-A –Heart, as compared with the "gold standard" test in patients with definite or possible ACS.**
- 12:00–13:30 Panel & Discussion
- 14:00 Lunch