



## Chemicals, Health and Green Chemistry – Workshop | June 10-11, 2014, Ramat Hanadiv

### PROGRAM – Day 1:

- 8:30 Coffee and registration
- 9:15 Welcome and introductions  
Introduction to Green Chemistry | Dr. John Warner
- 10:45 Break
- 11:00 What is endocrine disruption, and why should chemists care? | Dr. Laura Vandenberg
- 11:50 How endocrine disrupting chemicals act at low doses | Dr. Laura Vandenberg
- 12:35 Lunch
- 13:30 Exposure to endocrine disrupting chemicals and adverse human health effects |  
Dr. Laura Vandenberg
- 14:15 Green Chemistry in Israel – interactive session
- FR-122P : A sustainable alternative to HBCD | Dr. Smadar Admon, ICL Industrial Products
  - Environmental and health issues related to natural gas based alternative fuels: methanol, GTL |  
Dr. Sinaia Netanyahu, Chief Scientist, Ministry of Environmental Protection
  - BPA and female fertility - human in vitro studies | Dr. Ronit Machtinger, Sheba Medical Center
  - Fast and complete in situ remediation of contaminated soils | Mr. Uri Stoin, Hebrew University
  - Bismuth oxyhalides as visible light harvesting photoactive semi-conductors evolving green  
targeted treatment strategies for wastewater-derived organic micropollutants, pharmaceuticals  
and air purification | Mr. Hani Gnyem, Hebrew University
- 16:00 End of day 1



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**PROGRAM – Day 2:**

8:30 Coffee

9:15 Illustrative use of the 12 principles of Green Chemistry | Dr. John Warner

10:15 How low dose effects & non-monotonicity challenge current chemical safety practices |  
Dr. Laura Vandenberg

11:00 Break

11:20 Green Chemistry innovations in design | Dr. John Warner

12:20 Where is endocrine disrupting science going? | Dr. Laura Vandenberg

13:00 Lunch

14:00 Green Chemistry in Israel – interactive session

- Cradle to cradle design | Ms. Yael Steinberg, Environmental Protection Encouragement Agency
- Bromine chemistry serving the environment | Dr. Mira Freiberg, ICL- Industrial Products
- From process improvement to Green Chemistry | Mr. Yosi Goldstein, ADAMA Agricultural Solutions Ltd.
- “Green” chemistry at the Israel Electric Company | Dr. Michal Perle, Israel Electric Company

16:00 End of Workshop