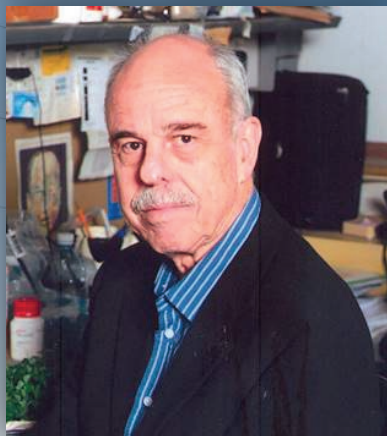


7th International Meeting Photosynthesis Research for Sustainability-2016

in honor of

Nathan Nelson and T. Nejat Veziroglu



1. Photosynthesis Research for Sustainability

- 1.1. Primary Processes of Photosynthesis
- 1.2. Structure, Function and Biogenesis of the Photosynthetic Apparatus
- 1.3. Photosystem II and Water Oxidation Mechanism
- 1.4. Energy Transfer and Trapping in Photosystems
- 1.5. Photosystem I and Bacterial Photosynthesis
- 1.6. Carbon Fixation (C3 and C4) and Photorespiration
- 1.7. Artificial and Applied aspects of Photosynthesis
- 1.8. Regulation of Photosynthesis and Environmental Stress
- 1.9. Systems Biology of Photosynthesis: Integration of Genomic, Proteomic, Metabolomic and Bioinformatic Studies
- 1.10. Photosynthesis Education
- 1.11. Emerging Techniques for Studying Photosynthesis including Neutron Scattering in Photosynthesis Research

2. Hydrogen Energy for Sustainability

- 2.1. Energy for the Future – Hydrogen economy
- 2.2. Elevating Climate Change
- 2.3. Biological Hydrogen Production
- 2.4. Hydrogenases
- 2.5. Proton Reduction Catalysts
- 2.6. Reduction of Carbon Dioxide
- 2.7. Artificial Photosynthesis for Hydrogen energy
- 2.8. Hydrogen Energy Education
- 2.9. Emerging Techniques for Studying of Hydrogen Energy

<http://photosynthesis2016.cellreg.org>



June 19–25, 2016

**Institute of Basic Biological Problems, RAS, Pushchino
Research Center of RAS, Moscow Region, Russia**