

## Josephine (Iosifina) Sarrou

Nationality: Greek Cypriot

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### EDUCATION

Ph.D., Physics, Department of Applied Mathematics and Physics National Technical University of Athens, Greece.

M.Sc Physics and Technological Applications, Department of Applied Mathematics and Physics National Technical University of Athens, Greece

B.Sc, Physics, National and Capodistrian University of Athens, Greece.

### PROFESSIONAL EXPERIENCE

June 2013-present, post doctoral experienced scientist position at the **Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology, Hellas (FORTH)** in Crete, Greece. Framework of the EU-funded FP7 REGPOT 2012-2013, project InnovCrete.

2009-2013 Research Scientist, **Department of Chemistry and Biochemistry Arizona State University, Tempe Az U.S.A.**

2006 – 2007 Visiting researcher at the Institute of Material Science, NCSR Demokritos, Athens Greece.

2005 - 2006, Research fellow in the European Network for Calcium/calmodulin regulated kinase family Hellenic Research Foundation, Institute of Organic and Pharmaceutical Chemistry, Lab for Structural biology and biochemistry, Athens, Greece

2004-2005, Post doctoral fellow of the Max Planck Society, Max Planck Institute for Bioinorganic Chemistry, Germany,

2002-2004, Post doctoral fellow, Chemistry Department, University of California, Davis, USA. Prof David Britt.

2001-2002: Post doctoral fellow of the Max Planck Society, Max Volmer laboratory, Physical Chemistry department of Technical University, Berlin, and the Max Planck Institute for Radiation Chemistry, Germany.

2000-2001: Post doctoral fellow in Cross Correlation Research Training European Network (HPRN-CT-2000-00092) in the Magnetic Resonance Center (CERM), University of Florence, Florence, Italy.

### RECENT PUBLICATIONS

*De Novo* Design of an Artificial Bis[4Fe-4S] Binding Protein

Anindya Roy, Iosifina Sarrou, Michael D. Vaughn, Andrei V. Astashkin, and Giovanna Ghirlanda

*Biochemistry*, 2013, 52 (43), pp 7586–7594

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“Modulation of the fluorescence yield in Heliobacterial cells by induction of charge recombination in the photosynthetic reaction center.”

Kevin Redding, Iosifina Sarrou, Stefano Santabarbara, Su Lin, Fabrice Rappaport, Kiera T. Reifschneider , *Photosynthesis Research*, *accepted October 2013*

“Temporal and Spectral Characterization of the Photosynthetic Reaction Center from *Heliobacterium modesticaldum*.” Adrien Chauvet<sup>1</sup>, Josephine Sarrou<sup>2</sup>, Su Lin<sup>2,3</sup>, Steve Romberger<sup>4</sup>, John H. Golbeck<sup>4</sup>, Sergei Savikhin<sup>1\*</sup>, and Kevin Redding<sup>2\*</sup>  
Photosynthesis research (June 2013, online ISSN 1573-5079)

“Purification of the photoactive reaction center from *Heliobacterium Modesticaldum*”

Iosifina Sarrou, Zahid Khan, John Cowgill, Su Lin, Daniel Brune, Steven Romberger, John H. Golbeck and Kevin E. Redding

*Photosynthesis Research* 2012 Mar;111(3):291-302. Epub 2012 Mar 2

“Efficiency light harvesting in a dark, hot, acidic environment: The structure and function of PSI-LHCI complex from *Galdieria sulphuraria*.”

Balakumar Thangaraj, Craig Jolley, Iosifina Sarrou, Jelle Bultema, Julian Whitelegge, Su Lin, Roman Kouril, Egbert Boekema, and Petra Fromme.

Biophysical journal. 99 (11) 2010