

Curriculum Vitae
Roie Yerushalmi
The Hebrew University of Jerusalem



Contact Information

Roie Yerushalmi
Institute of Chemistry and
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Positions

Associate Professor
Institute of Chemistry
The Hebrew University of Jerusalem
2015-present

Senior Lecturer (Assistant Professor)
Institute of Chemistry
The Hebrew University of Jerusalem
2008-2015

Education

Post-Doctoral Fellow
Dept. Electrical Engineering & Computer Science
University of California at Berkeley
Advisor: Prof. Ali Javey
2006-2008

M.Sc. in Chemistry
Dept. Plant Sciences
Weizmann Institute of Science
Advisor: Prof. Avigdor Scherz
1998-1999

Post-Doctoral Fellow
Dept. Chemistry & Chemical Biology
Harvard University
Advisor: Prof. Charles M. Lieber
2005-2006

B.Sc. in Chemistry
Magna cum laude
Tel-Aviv University
1994-1997

Ph.D. in Chemistry, *J.F. Kennedy Prize*
Dept. Plant Sciences
Weizmann Institute of Science
Advisor: Prof. Avigdor Scherz
2000-2005

Fellowships and Awards

Recipient of several prizes including the Krill Prize, Kennedy prize, and the career development award by the Human Frontier Science Program. ERC young scientist research grant for developing large scale architectures with nanometric structured interfaces for charge separation, transport and interception. Young fellow of the Israeli Young Academy, a newly formed organization for the advancement of young scientists and science in Israel, formed by the Israeli Academy of Sciences and Humanities.

Research Interests

Design and synthesis of hybrid nanostructures for photocatalysis, optical applications, energy harvesting. Development of new surface chemistries, the synthesis and surface modification of Hybrid nanostructures, ex-situ doping of nanostructures, nanostructure array assembly, comprehensive characterization of complex nanostructured systems by application of analytical methods.