



HFSP AWARDS 2006

CROSS-DISCIPLINARY FELLOWSHIPS

as approved by the Board of Trustees (March 27, 2006)

BECK-BARKAI Roy ISRAEL	From	Condense Matter Physics Department Tel-Aviv University ISRAEL	<i>Structures and interactions of neurofilaments reconstituted from spinal chord central nervous system</i>
	To	Materials Dept., Physics Dept., and Biochemistry and Molecular Biology Dev. University of California Santa Barbara USA	Supervisor: Cyrus SAFINYA
GARRETT-ROE Sean USA	From	University of California Berkeley USA	<i>Fast protein folding: dynamics of secondary structure formation in a photoswitchable alpha-helix</i>
	To	Institute of Physical Chemistry University of Zurich SWITZERLAND	Supervisor: Peter HAMM
HUISKEN Jan GERMANY	From	Dept. of Developmental Biology European Molecular Biology Laboratory Heidelberg GERMANY	<i>Optical analysis of vertebrate cardiovascular morphogenesis and function</i>
	To	Department of Biochemistry and Biophysics University of California San Francisco USA	Supervisor: Didier STAINIER
KIM Pilhan REPUBLIC OF KOREA	From	Optical Communication Systems Laboratory Seoul National University REPUBLIC OF KOREA	<i>In vivo real-time cellular imaging in internal organs of small animals using advanced microendoscopy</i>
	To	Wellman Center for Photomedicine Harvard Medical School Boston USA	Supervisor: Seok Hyun YUN
MARGULIES David ISRAEL	From	Organic Chemistry The Weizmann Institute of Science Rehovot ISRAEL	<i>Growth factors as a model for studying protein-protein recognition with designed molecules</i>
	To	Department of Molecular Biophysics and Biochemistry/ Organic Chemistry Yale University New Haven USA	Supervisor: Andrew HAMILTON

RIVOIRE Olivier FRANCE	From	Université Paris XI Orsay FRANCE	<i>Phenotypic switching in variable environment: the case of ploidy states in Saccharomyces cerevisiae</i>
	To	Laboratory of Living Matter The Rockefeller University New York USA	Supervisor: Stanislas LEIBLER
SAVELLI Francesco ITALY	From	Dipartimento di Informatica e Sistemistica Università di Roma "La Sapienza" Rome ITALY	<i>Neural encoding and processing in the hippocampus: from entorhinal inputs to place cells</i>
	To	Department of Neurobiology and Anatomy The University of Texas Medical School Houston USA	Supervisor: James KNIERIM
TUVAL Idan ISRAEL/SPAIN	From	Cross-Disciplinary Physics Mediterranean Institute for Advanced Studies Palma De Mallorca SPAIN	<i>Dynamic synchronization of interacting molecular motors</i>
	To	Department of Physics University of Arizona Tucson USA	Supervisor: Koen VISSCHER
TZLIL Shelly ISRAEL	From	Department of Physical Chemistry Hebrew University Jerusalem ISRAEL	<i>Cell migration on patterned artificial extracellular matrix</i>
	To	Department of Chemical Engineering Caltech Pasadena USA	Supervisors: David TIRRELL Zhen-Gang WANG
ZONDERVAN Rob THE NETHERLANDS	From	Institute of Physics Leiden University THE NETHERLANDS	<i>Initiation and regulation, single-enzyme study of conformational changes required for transcription</i>
	To	Department of Chemistry and Biochemistry UCLA Los Angeles USA	Supervisor: Shimon WEISS