

Personal information

Contact details Email: roy_pinhassi@hotmail.com Phone number: 972-58-4849-500
 Nationalities Swedish / Israeli

Fields of interest **Renewable Energy, Biotechnology, Food Engineering**

Education and training

Dates **2011-**
 Qualification/degree awarded **PhD student in the multidisciplinary Energy Program**
 Principal subjects and skills Engineering of a bio-photo-voltaic cell based on genetically engineered plant photosystems
 University Technion - Israel Institute of Technology, Israel.

Dates **2008**
 Qualification/degree awarded **Research bursary internship in Organic Chemistry**
 Principal subjects and skills Conjugation of PEG to anti-tumour drugs. Chemical synthesis under strictly non-aqueous and oxygen-free conditions. Product purification (distillation, crystallization, chromatography). Structure elucidation of organic compounds (NMR, IR, MALDI-ToF, UV/Vis spectroscopy).
 University University of Bielefeld, Germany.

Dates **2006-2008**
 Qualification/degree awarded **Master of Science, *summa cum laude***
 Principal subjects and skills Nano-sized polymer-drug Conjugates for Targeted Delivery and Target-Activated Release of Anti-Cancer Drugs. Nano-technology and polymer science. Advanced research methods: Confocal Microscopy, HPLC, Tissue Culture, molecular biology, FTIR, and DLS.
 University Technion - Israel Institute of Technology, Israel.

Dates **2001-2005**
 Qualification/degree awarded **Bachelor of Science, *cum laude*.**
 Principal subjects and skills Biotechnology & food engineering. Food technology, food safety, nutrition, processing biotechnology and biocatalysts, molecular biology.
 University Technion - Israel Institute of Technology, Israel

Employment

Dates **2011-**
 Title Academic tutor
 Responsibilities Tutor of undergraduate students in the courses 'General Chemistry' & 'Biological Photochemistry'
 Employer Technion - Israel Institute of Technology, Israel

Dates **2008-2011**
 Title R&D project manager in Food Industry.
 Responsibilities Development, design and testing of culinary products for international markets. Carried out projects from laboratory to industrial scale. Responsibility for initiating and coordinating legal, commercial and technical activities in close cooperation with marketing, quality assurance and production.
 Employer Nestle, Israel

Dates **2006-2008**
 Title Academic tutor
 Responsibilities Tutor of undergraduate students in the courses 'Principles in Food Engineering' and 'Biological Substances Shelf Life Evaluation'
 Employer Technion - Israel Institute of Technology, Israel

Dates **2003-2005**
 Title Shift manger
 Responsibilities Staff supervision, stock management, and sales overseeing.
 Employer Café/restaurant "Café Plus", Tivon, Israel.

Dates **2001-2005**
 Title Guide for special needs children
 Responsibilities One-on-one guidance of special needs kids. Taught learning skills and provided emotional support.
 Employer PERAH Publicly supervised national tutorial project, Haifa, Israel.

Dates **1998-2001**
 Title Military service in the Israel Defence Force (IDF)
 Responsibilities Commander in the artillery battalion.

Language skills

Hebrew, English Fluent
Spanish, French Basic speaking, reading and writing

Publications

Roy I. Pinhassi, Yehuda G. Assaraf, Shimon Farber, Michal Stark, Diana Ickowicz, Stavit Drori, Abraham J. Domb, and Yoav D. Livney, Arabinogalactan–Folic Acid–Drug Conjugate for Targeted Delivery and Target-Activated Release of Anticancer Drugs to Folate Receptor-Overexpressing Cells, *Biomacromolecules* 2010 11 (1), 294-303

Conference participation

July 2012 The Photosynthesis Gordon Research Conference.

March 2012 *IMEC - The 15th Israel Materials Engineering Conference*, Dead Sea, Israel. **Poster**: Engineering & Construction of a Bio-Photo-Generator

December, 2011 Biology for Renewable Energy Workshop 2011. **Oral presentation**: Engineering & Construction of a Bio-Photo-Generator

February 2007 RBNI Winter School In Nanoscience and Nanotechnology **Poster**: Nano-sized polymer-drug Conjugates for Targeted Delivery and Target-Activated Release of Anti-Cancer Drugs