

Tal Eshel-Green

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Education:

- 2011-2017 Ph.D., Nanotechnology & Nanoscience**, Israel Institute of Technology, Haifa, Israel.
Research and thesis on Mucoadhesion of Acrylated Amphiphilic Polymeric Micelles in the Nanostructure and Properties of Biomedical Polymers Research Laboratory. Under the supervision of Prof. Havatzelet Bianco-Peled, Chemical Engineering Department. Grade average: **97**
- 2009-2011 M.Sc., Polymer Engineering**, Israel Institute of Technology, Haifa, Israel.
Research and thesis on Medical Sealant for Gastro-Intestinal Surgeries in the Nanostructure and Properties of Biomedical Polymers Research Laboratory. Under the supervision of Prof. Havatzelet Bianco-Peled, Chemical Engineering Department. Grade average: **93**
- 2002-2006 B.Sc., Biochemical Engineering, Cum Laude**, Israel Institute of Technology, Haifa, Israel.
Laboratory experience in analytical chemistry, membrane processes, chemical engineering, chemical process simulations, physical chemistry, basic biology and biochemistry. Grade average: **84**

Professional Experience:

2017-Present RAFAEL Advanced Defense Systems LTD.

- 2011-2016 Israel Institute of Technology**, Haifa, Israel
Teaching assistant and laboratory supervisor assistant in "Laboratory for Chemical Engineering" courses at the Department of Chemical Engineering.
- Setting up a new PILOT facility for students' labs.
 - Teaching and operating undergraduate student laboratories on core processes in chemical engineering.
 - Instructing undergraduate student on final projects on polymers for biomedical purposes.
- 2008 Oregon Health & Science University**, Portland, Oregon, USA.
Research Assistant, Department of Biomedical Engineering.
- 2007 Protalix Biotherapeutics**, Carmiel, Israel.
QA Engineering member of the QA Team.
- 2006 Ludan Software & Control Systems Ltd.**, Petah Tikva, Israel.
Control Engineer.

Scholarship and excellence

- 2012-2013 **The Erwin and Joan Jacobs** scholarship and award, Israel Institute of Technology.
- 2006 Dean's list – Bsc. Chemical Engineering.
- 2002 Dean's list – Spring Semester – Chemical Engineering.