

**1. Personal Details**

- Date of Birth: 28/02/1985
- Country of Birth: Israel
- Gender: male
- Nationality: Israel, Spain
- Family status: married + 1
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**2. Higher Education**

2003-2006: B. Sc., The Hebrew University, Jerusalem, Israel, Chemistry and the "Amirim" program for excellent students, with honors.

Worked as an undergraduate student under the guidance of Prof. Uri Banin during the years 2005-2006, as part of the "Amirim" program. Submitted a thesis under the title "Orientation of semiconductor nanorods".

2006-2013: Ph. D., Department of Chemistry, The Hebrew University, Jerusalem, Israel. Supervisor: Prof. Assaf Friedler. Title of the research thesis: "Activating Proteins by Shifting Their Oligomerization Equilibrium: A New Approach to Drug Design".

**3. Selected Prizes and Awards:**

2005: Rector prize for B. Sc. students, the Hebrew University of Jerusalem

2005: Special award from the Knesset (Israeli Parliament) for national excellence in the B. Sc. studies

2006: Rector prize for B. Sc. students, the Hebrew University of Jerusalem

2008: Rector prize for M. Sc. students, the Hebrew University of Jerusalem

2009 to end of Ph. D: Adams Fellowship for excellent doctoral students.

2012: Chorafas award for excellent doctoral students.

#### 4. Publications:

##### First Author Publications

1. **Gabizon R.**, Faust O., Benyamini H., Nir S., Loyter A., Friedler A., (2013) **Structure–activity relationship studies using peptide arrays: the example of HIV-1 Rev–integrase interaction**, *Med. Chem. Commun.*, 2012, 4, 252-259
2. **Gabizon, R.**, Brandt, T., Sukenik, S., Lahav, N., Shalev, D. E., Veprintsev, D., Friedler, A., (2012) **Specific Recognition of p53 Tetramers by Peptides Derived from p53 Interacting Proteins**, *PLoS One* 7(5), 1-11, e38060
3. **Gabizon, R.**, Mor, M., Rosenberg, M. M., Britan, L., Hayouka, Z., Kotler, M., Shalev, D. E., and Friedler, A. (2008) **Using peptides to study the interaction between the p53 tetramerization domain and HIV-1 Tat**. *Biopolymers* 90, 105-16

##### Other publications:

1. Guy S., Rotem D., Hayouka Z., **Gabizon R.**, Levin A., Zemel L., Loyter A., Porath D., Friedler A. (2013), **Monitoring the HIV-1 integrase enzymatic activity using atomic force microscopy in a 2LTR system**, *Chem. Commun.*, 2013,49, 3113-3115
2. Poyurovsky, M. V., Katz, C., Laptenko, O., Beckerman ,R., Lokshin, M., Ahn, J., Byeon, I. J., **Gabizon, R.**, Mattia, M., Zupnick, A., Brown, L. M., Friedler, A., and Prives, C. (2011) **The C terminus of p53 binds the N-terminal domain of MDM2**. *Nat Struct Mol Biol* 18, 516.
3. Canello, T . , Frid, K., **Gabizon, R.**, Lisa, S., Friedler, A., Moskovitz, J., Gasset, M., and Gabizon, R. (2010) **Oxidation of Helix-3 methionines precedes the formation of PK resistant PrP**. *PLoS Pathog* 6, e1000977.

## **5. Participation in Scientific Conferences:**

2-7/06/2013: Gordon Research Conference on Nucleic Acids, in the University of New England, Biddeford, Maine. Poster presentation.

20-25/01/2013: Global Young Scientists Summit 2013 in Singapore. Gave a lecture titled “p53 activating “Shiftides”: peptides that shift the oligomerization equilibrium of a protein”.

24-25/06/2012: The annual meeting of the Nano Center of the Hebrew University in Kibbutz HaGoshrim, Israel. Gave a lecture titled “Modulating Protein Activity by Shifting their Oligomerization Equilibrium”.

21-25/04/2012: The annual meeting of the American Society for Biochemistry and Molecular Biology in San Diego, California, USA. Poster presentation.

7-8/02/2012: The 77<sup>th</sup> annual meeting of the Israel Chemical Society. Presented a poster under the title: Poster presentation.

16-19/06/2011: 2011 AFFINITY conference organized by the International Society for Molecular Recognition (ISMR), Tavira, Portugal. Poster presentation.

7-10/02/2011: The 6<sup>th</sup> ILANIT/FISEB conference in Eilat, Israel. Poster presentation.

5-9/09/2010: The 31<sup>st</sup> European Peptide Symposium in Copenhagen, Denmark. Poster presentation.

25-26/01/2010: The 75<sup>th</sup> annual meeting of the Israel Chemical Society in Tel Aviv, Israel. Poster presentation.

27-29/03/2009: International p53 Marathon, Akko, Israel. Poster presentation.

9-10/02/2009: The 74<sup>th</sup> annual meeting of the Israel Chemical Society in Tel Aviv, Israel. Poster presentation.

2-7/10/2008: "Organometallics and Materials Chemistry - a happy marriage" Combined Jerusalem-Berlin workshop at Technische Universität Berlin. Poster presentation.

#### **6. Teaching Work:**

2006-2012: Teaching assistant in the course "Physical Chemistry B for chemistry students".

2008-2009: Teaching assistant in the course "Introduction to pharmaceutical chemistry".

2007-2011: Voluntary work as a math tutor for high school students in "Argentina" elementary school in Kiryat Hayovel, Jerusalem.