

## Daphna Nachmani – CURRICULUM VITAE

**Name:** Daphna Nachmani

**Home address:** Molcho 4 , Jerusalem, Israel

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### Personal Information:

**Date and place of Birth:** October 2<sup>nd</sup>, 1983, Jerusalem, Israel.

**Marital status:** Married

### Education:

**2009-present: Ph.D.** The Hebrew University of Jerusalem, Israel.

**Discipline:** Microbiology

**Advisor:** Prof. Ofer Mandelboim

**Thesis title:** MicroRNAs in the immune response.

**2007-2009: M.Sc. (Direct to Ph.D. program)** The Hebrew University of Jerusalem, Israel. **Discipline:**

Microbiology

**Advisor:** Prof. Ofer Mandelboim

**Thesis title:** MicroRNAs in the immune response.

**Final courses average:** 92.92

**2004-2007: B.Sc.** The Hebrew University of Jerusalem, Israel. Discipline: Biology.

**Final grade:** 92.74 (*Summa Cum Laude*)

### Fellowships

**2012:** The EMBO short-term fellowship

**2011-present:** The Adams fellowship of the Israel Academy of Sciences and Humanities

**2010-2011:** The Ariane de-Rothschild fellowship

### Awards:

**2012:** The EFIS travel grant to the 3<sup>rd</sup> ECI

**2012:** EMBO travel grant for the EMBO|EMBL Symposium, Heidelberg, Germany

**2012:** The James Sivartsen prize for pediatric cancer research

**2010:** Aharon Katzir student travel fellowship

**2009:** ECI Travel Grant for the 2<sup>nd</sup> European Congress of Immunology (ECI), Berlin, Germany.

**2006-7:** Life Sciences Dean's list.

**Scientific meetings:**

Lectures:

**2012:** The 3<sup>rd</sup> European Congress of Immunology (ECI), Glasgow, Scotland

**2012:** The EMBO|EMBL Symposium: New Perspectives on Immunity to Infection, Heidelberg, Germany

**2009:** The 2<sup>nd</sup> European Congress of Immunology (ECI), Berlin, Germany.

Poster presentation:

**2011:** 6<sup>th</sup> Congress of the Federation of the Israel Societies for Experimental Biology - FISEB (ILANIT), Eilat, Israel.

**2010:** 12<sup>th</sup> meeting of the society for natural immunity, NK2010, Cavtat-Dubrovnik, Croatia.

**Publications:**

***First author publications:***

**1. Nachmani D**, Gutschner T, Diederichs S and Mandelboim O. RNA-binding proteins control the expression of the immune activating ligand MICB. ***In preparation***.

**2. Nachmani D**, Zimmermann A, Manaster I, Vitenshtein A, Lee K, Horejsi V, Wolf DG, Hengel H and Mandelboim O. MicroRNA Editing Facilitates Immune Elimination of HCMV Infected Cells. ***Submitted to Nature Medicine***.

**3. Nachmani D** and Mandelboim O. Human cytomegalovirus miRNAs. ***Future Virology***. 2011 Aug, Vol. 6, No. 8, Pages 909-916. Review.

**4. Nachmani D**, Lankry D, Wolf D.G. and Mandelboim O. The Human Cytomegalovirus MiR- UL112 Synergistically Cooperates with a Cellular MicroRNA to Escape Immune Elimination. ***Nature Immunology***. 2010 Sep; 11(9):806-13.

**5. Nachmani D**, Stern-Ginossar N., Sarid R. and Mandelboim O. Diverse Herpesviruses MicroRNAs Target the Stress-Induced Immune Ligand MICB to Escape Recognition by Natural Killer Cells. ***Cell Host & Microbe*** 2009 Apr 23; 5(4):376-85.

\*was recommended as a "must read" paper by *Cell* during June and July, 2009.

**Preview of the above paper:**

Dolken L and Jonjic S. All for One and One for All: Herpesviral MicroRNAs Close in on Their Prey. *Cell Host & Microbe*, 2009 Apr 23; 5(4):315-17.

***Additional publications:***

6. Tsukerman P, Stern-Ginossar N, Gur C, Glasner A, **Nachmani D**, Bauman Y, Yamin R, Vitenstein A, Stanietsky N, Bar-Mag T, Lankry D, Mandelboim O. MiR-10b downregulates the stress-induced cell surface molecule MICB, a critical ligand for cancer cell recognition by natural killer cells. *Cancer Res.* 2012 Nov 1;72(21):5463-72.

7. Manaster I, Goldman-Wohl D, Greenfield C, **Nachmani D**, Tsukerman P, Hamani Y, Yagel S, Mandelboim O. MiRNA-mediated control of HLA-G expression and function. *PLoS One.* 2012;7(3):e33395.

8. Bauman Y, **Nachmani D**, Vitenstein A, Tsukerman P, Drayman N, Stern-Ginossar N, Lankry D, Gruda R and Mandelboim O. An Identical miRNA of the Human JC and BK Polyoma Viruses Targets the Stress-Induced Ligand ULBP3 to Escape Immune Elimination. *Cell Host & Microbe*, 2011 Feb 17;9(2):93-102.

9. Cohen-Kutner M, **Nachmani D** and Atlas D. Cav2.1 (P/Q channel) Interaction with Synaptic Proteins is Essential for Depolarization-Evoked Release. *Channels (Austin)*. 2010 Jul 18; 4(4).

**Referees:**

**Yinon Ben-Neriah** - [yinonb@ekmd.huji.ac.il](mailto:yinonb@ekmd.huji.ac.il)

**Eitan Yefenof** - [eitany@ekmd.huji.ac.il](mailto:eitany@ekmd.huji.ac.il)

**Ofer Mandelboim (Advisor)** - [oferm@ekmd.huji.ac.il](mailto:oferm@ekmd.huji.ac.il)