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Professor of Immunology (W3)

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**Academia**

1983 – 1986 B.Sc. Faculty of Life Sciences, Tel-Aviv University, Tel-Aviv, Israel

1986 – 1988 M.Sc. Department of Genetics, The Weizmann Institute of Science, (Yosef Aloni and Orgad Laub), Rehovot, Israel

1989 – 1994 Ph.D. (Dr.rer.nat.) Department of Chemical Immunology, The Weizmann Institute of Science, (Edna Mozes), Rehovot, Israel

**Career**

1994 – 1996 Postdoc, Department of Immunology, The Weizmann Institute of Science (L. Steinman), Rehovot, Israel

1996 – 2000 Postdoc, Department of Immunology, Institute for Genetics (K. Rajewsky), University of Cologne

2000 – 2001 Research associate, Department of Immunology, Institute for Genetics, University of Cologne

2001 – 2005 Working group leader, Molecular Immunology, Institute for Genetics, University of Cologne

2005 – 2010 W2 Univ.-Professor, I. Med. Clinic, University Medical Center of the Johannes Gutenberg University Mainz

Since 2010 Director of the Institute for Molecular Medicine, University Medical Center of the Johannes Gutenberg University Main

**Awards**

1998 – 2000 The European Community Long Term Fellowship

1996 – 1998 The Human Frontier Science Program Fellowship (HFSPO)

since 2010 Associate Editor, BMC Immunology

since 2010 Editorial Board of Frontiers in Immunological Tolerance

since 2012 Associated Editor, PLoS One

2013 – 2016 Coordinator of the EU ITN NeuroKine

**Selected Publications**

Wanke F, Tang Y, Gronke K, Klebow S, Moos S, Hauptmann J, Shanmugavadivu A, Regen T, Mufazalov IA, Gabriel LA, Reißig S, Diefenbach A, Kurschus FC, **Waisman A** (2018). Expression of IL-17F is associated with non-pathogenic Th17 cells. *J Mol Med* (Berl), doi: 10.1007/s00109-018-1662-5. [Epub ahead of print]

Wunderlich CM, Ackermann PJ, Ostermann AL, Adams-Quack P, Vogt MC, Tran ML, Nikolajev A, **Waisman A**, Garbers C, Theurich S, Mauer J, Hövelmeyer N, Wunderlich FT (2018). Obesity exacerbates colitis-associated cancer via IL-6-regulated macrophage polarisation and CCL-20/CCR-6-mediated lymphocyte recruitment. *Nat Commun*, 9(1):1646

Tusi BK, Wolock SL, Weinreb C, Hwang Y, Hidalgo D, Zilionis R, **Waisman A**, Huh JR, Klein AM, Socolovsky M (2018). Population snapshots predict early haematopoietic and erythroid hierarchies. *Nature*, 555(7694):54-60

Mufazalov IA, Kuschmann J, Andruszewski D, Masri J, Gabriel LA, Adams P, Reissig S, Hövelmeyer N, **Waisman A** (2017). Balanced Bcl-3 expression in murine CD4+ T cells is required for generation of encephalitogenic Th17 cells. *Eur J Immunol*, 47, 1335-1341

Kitic M, Karram K, Israel N, Yogev N, Lacher SM, Tang Y, Yigit H, Bauer J, Wanke F, Knezovic A, Trotter J, Kurschus FC, **Waisman A** (2017). NG2 plays a role in neuroinflammation but is not expressed by immune cells. *Acta Neuropathol*. 134, 325-327

Lacher SM, Bruttger J, Kalt B, Berthelet J, Rajalingam K, Wörtge S, **Waisman A** (2017). HMG-CoA reductase promotes protein prenylation and therefore is indispensible for T-cell survival. *Cell Death Dis*, 8, e2824

Mufazalov IA, Schelmbauer C, Regen T, Kuschmann J, Wanke F, Gabriel LA, Hauptmann J, Müller W, Pinteaux E, Kurschus FC, **Waisman A** (2017). IL-1 signaling is critical for expansion but not generation of autoreactive GM-CSF+ Th17 cells. *EMBO J*, 36, 102-115.

*complete list:* [*https://scholar.google.com/citations?user=gv-RCc4AAAAJ&hl=en*](https://scholar.google.com/citations?user=gv-RCc4AAAAJ&hl=en)