

Curriculum Vitae

Armin Braun Professor, Dr. rer. nat.
d.o.b. April 27th, in Freiburg, Germany

University Education

2006 Habilitation and “*venia legendi*” in Immunology, Medical School Hannover (MHH)
1999 Doctorate Biology, Charité, Humboldt University Berlin
1988–1994 Studies of Biology, University of Basel and Albert Ludwigs University Freiburg

Scientific Career

Since 2014 Division Director Preclinical Pharmacology Toxicology, Fraunhofer ITEM
Since 2011 Professor for Immunology (W2) of the respiratory tract, Medical School Hannover (MHH) (part time) and Head of Department of Airway Immunology at Fraunhofer ITEM
Since 2006 Head of the Department of Immunology, Allergology and Immunotoxicology, Fraunhofer Institute of Toxicology and Experimental Medicine
Since 2006 Assistant Professor for Immunology, Medical School Hannover (MHH)
2001-2006 Head of the Working Group of Immunology and Allergology, Fraunhofer Institute of Toxicology and Experimental Medicine (ITEM)
1999-2001 Postdoctoral Fellow, Department of Laboratory Medicine, Philipps-University Marburg

Awards and Honors

2008 DGAKI-Nachwuchsförderpreis 2008 (German Society of Allergy and Clinical Immunology). For "Spatial interactions between dendritic cells and sensory nerves in allergic airway inflammation".
2008 The Abcam Award (World Immune Regulation Meeting in Davos)
2005 Research Price of the DGP, 2005 (German Society of Pneumology). Postgraduate award for Phd work of Tibor Veres
2004 Herbert-Herxheimer-Award, 2004 (German Society of Allergy and Clinical Immunology). For "The Neurotrophins Nerve Growth Factor, Brain-Derived Neurotrophic Factor, Neurotrophin-3, and Neurotrophin-4 are Survival and Activation Factors für Eosinophils in Patients with Allergic Bronchial Asthma"
1999 NIH-grant travel award, 1999. Travel award for Keystone Symposia “Asthma”

Citation Record

Total citations: 8347; h-index:51 (Web of Science with ResearcherID B-8750-2009 at 11. April 2024)

Top-10 selected publications

Delgado SJ, Dehmel S, Twisterling E, Wichmann J, Jonigk D, Warnecke G, Braubach P, Fieguth HG, Wilkens L, Dahmann F, Kaup FJ, Eggel A, Knauf S, Sewald K, **Braun A**. J Allergy Clin Immunol. 2020 Feb;145(2):719-722. Disruptive anti-IgE inhibitors prevent mast cell-dependent early airway response in viable atopic lung tissue.

Danov O, Jiménez Delgado SM, Obernolte H, Seehase S, Dehmel S, Braubach P, Fieguth HG, Matschiner G, Fitzgerald M, Jonigk D, Knauf S, Pfennig O, Warnecke G, Wichmann J, **Braun A**, Sewald K. PLoS One. 2018 Nov 30;13(11):e0207767. Human lung tissue provides highly relevant data about efficacy of new anti-asthmatic drugs.

Neuhaus V, Schaudien D, Golovina T, Temann UA, Thompson C, Lippmann T, Bersch C, Pfennig O, Jonigk D, Braubach P, Fieguth HG, Warnecke G, Yusibov V, Sewald K, **Braun A**. *J Occup Med Toxicol*. 2017 May 26;12:13. Assessment of long-term cultivated human precision-cut lung slices as an ex vivo system for evaluation of chronic cytotoxicity and functionality.

Veres TZ, Voedisch S, Spies E, Valtonen J, Prenzler F, **Braun A**. *J Immunol*. 2013 Feb 1;190(3):897-903. doi: 10.4049/jimmunol.1200220. Epub 2012 Dec 24. Aeroallergen challenge promotes dendritic cell proliferation in the airways.

Voedisch S, Rochlitzer S, Veres TZ, Spies E, **Braun A**. *PLoS One*. 2012;7(9):e45951. doi: 10.1371/journal.pone.0045951. Epub 2012 Sep 26. Neuropeptides control the dynamic behavior of airway mucosal dendritic cells.

Veres TZ, Shevchenko M, Krasteva G, Spies E, Prenzler F, Rochlitzer S, Tschernig T, Krug N, Kummer W, **Braun A**. *Am J Pathol*. 2009;174:808-17. Dendritic cell-nerve clusters are sites of T cell proliferation in allergic airway inflammation.

Nassenstein C, Kammertoens T, Veres TZ, Uckert W, Spies E, Fuchs B, Krug N, **Braun A**. *J Allergy Clin Immunol* 2007;120:1089-96. Neuroimmune crosstalk in asthma: dual role of the neurotrophin receptor p75NTR.

Veres TZ, Rochlitzer S, Shevchenko M, Fuchs B, Prenzler F, Nassenstein C, Fischer A, Welker L, Holz O, Müller M, Krug N, **Braun A**. *Am J Respir Cell Mol Biol* 2007;37:553-61. Spatial interactions between dendritic cells and sensory nerves in allergic airway inflammation.

Weigt H, Nassenstein C, Tschernig T, Mühlradt PF, Krug N, **Braun A**. *Am J Respir Crit Care Med* 2005;172:566-72. Efficacy of macrophage-activating lipopeptide-2 combined with interferon-gamma in a murine asthma model.

Nassenstein C, **Braun A**, Erpenbeck VJ, Lommatzsch M, Schmidt S, Krug N, Luttmann W, Renz H, Virchow JC Jr. *J Exp Med*. 2003;198(3):455-67. The neurotrophins nerve growth factor, brain-derived neurotrophic factor, neurotrophin-3, and neurotrophin-4 are survival and activation factors for eosinophils in patients with allergic bronchial asthma.

The full list of publications can be found here:

https://www.researchgate.net/profile/Armin_Braun