

## Curriculum vitae

**Akdis, Cezmi A.** Prof. Dr. med.

**1. Personal Information:** Address: Swiss Institute of Allergy and Asthma Research (SIAF), University of Zurich, Obere Strasse 22, CH-7270 Davos, Tel: +41 81 4100848 Fax: +41 81 4100840, citizenship: Swiss, married, one daughter (doctor, scientist).  
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### 2. Education:

1985 Doctor of Medicine, Uludag University School of Medicine  
1991 Specialization in Infectious Diseases and Clinical Microbiology, Uludag University School of Medicine, Department of Microbiology, Bursa, Turkey,  
1994 Specialization in Immunology, Uludag University School of Medicine, Department of Microbiology, Bursa, Turkey  
1996 Associate Professor of Immunology, Uludag University Bursa, Turkey  
2002 "Venia Legendi", University of Zurich, Medical Faculty  
2006 Professor, University Zurich, 2008 Promotion rights: Science Faculty University Zurich

### 3. Employment History:

1985 General Practitioner, Gölhisar Health Center, Turkey  
1987 Clinical Resident, Uludag University, Bursa, Turkey  
1993 Assistant Professor, Uludag University, Bursa,  
1993 - 1994 Research fellow, Ciba-Geigy Ltd., Allergy Research, Basel  
1994 - Swiss Institute of Allergy and Asthma Research (SIAF), Davos  
2006 - Director of the Swiss Institute of Allergy and Asthma Research (SIAF), Davos, Switzerland.

### 4. Institutional Responsibilities:

**Director** of the Swiss Institute of Allergy and Asthma Research (SIAF), Davos and Professor in Zurich University Medical Faculty.

**Senate Member of the Swiss Academy of Medical Sciences** since 2014.

**Editor-in-Chief:** Journal of Allergy & Clinical Immunology (impact factor 13.1) 2015-2018, Editor-in-Chief Allergy 2018- .

### 5. Approved research projects: Swiss National Science Foundation Grants No: 31 50590 97

Tissue selective homing of T lymphocytes in atopic diseases, 1998-2001. **No: 32 65661 01**  
Effector mechanisms in atopic dermatitis, 2001-2004. **No: 32 105865** Mechanisms of tissue injury in allergic inflammation, 2004-2007. **No: 32 118226** Mechanisms of tissue injury in allergic inflammation, 2007-2010. **No: 32 132899** Interaction of tissue cells with the immune system, 2011-2014. **32 132899** Dysregulated epithelial barrier function in asthma 2015-2018. **320030\_176190** Role of epigenetic regulation and inflammasome in epithelial barrier in asthma and atopic dermatitis, 2018-2022. **Global Allergy and Asthma European Network of Excellence (GA<sup>2</sup>LEN)**, 2005-2009. **Swiss – Polish Research Cooperation** 2011-2014

**6. Thesis Supervision of Junior Researchers. Master-Students:** Orlando Mani, Jeannette Kast, Lena Hess (MD Thesis University of Zurich), Fiorella Ruchti, Marietta Hermann. **Doctoral Students:** Sven Klunker, Alison Taylor, Johan Verhagen, Katarzyna Solarewicz, Thomasz Basinsky, Kerstin Wanke, Angela Treis, Agnieszka Wegryzyn, Marija Pezer, Rita Alvez Costa, Can Altinbulakli, Arturo Rinaldi, Paulina Wawrzyniak, Tadech Boonpiyathat.

**PhD Thesis Committees:** Nadia Ouaked, Simone Burgler, Patrycja Konieczna, Pierre-Yves Mantel, Sascha Egger, Oliver Wirz, Marcin Wawrzyniak, Willem van de Veen, Marina Sabatebresco, Laura Prochazka (Uni Basel), Yasmin Köller (Uni Bern), Ásdís Hjálmsdóttir (Dept of Derm. Uni Zürich), Daniela Impellizzeri (Dept of Clin. Immunol. Uni Zürich), Kirstin Jansen.

**7. Teaching Activities:** University Zurich, Biochemistry, Immunology.

**8. Memberships in Panels Board: Past President** of the European Academy of Allergy & Clinical Immunology (11'000 members) President between 2011-2013. Executive Committee Member between 2003-2015 and Vice President between 2007-2011. Ex-com member Global Allergy and Asthma European Network 2009-2016. Scientific Advisory Boards: Stanford University-Sean Parker Asthma Allergy Center, ORCA- Odense, Allergopharma, Actellion, Circassia, Novartis, Aventis, TEVA.

**Scientific referee for peer-reviewed journals:** (Last 5 years) Nature, Nature Medicine, Nature Immunology, Nature Reviews in Immunology, Nature Drug Discovery, Nature Communications, Science Transl Med, Immunity, Journal of Experimental Medicine, Current Opinion In Immunology, Trends in Immunology, Journal of Clinical Investigation

**Scientific referee for international science foundations:** (Last 5 years) Medical Research Council, UK, Wellcome Trust Foundation, UK, Dutch Science Foundation, NL, German Science Foundation, Austrian Science Foundation, Swiss National Science Foundation, Swiss Cancer Foundation, National Institutes of Health (NIH, USA).

**9. Membership of scientific societies:** Fellow, American Academy of Allergy Asthma and Immunology, FAAAAI, American Association of Science, Collegium Internationale Allergologicum, European Respiratory Society, European Academy of Allergy Clinical Immunology (EAACI), Honorary Member: Swiss Society of Allergy Immunology (SSAI, SGAI),

**10. Conference Meeting Organizations: Founder and organizer** of World Immune Regulation Meetings, Davos I-XII (800-1000 participants) and EAACI WinterSchools. EAACI Congress VP, 2007, 2008, 2009, 2010, 2011 (5500-8000 participants)  
Congress President EAACI 2012 Geneva, EAACI/WAO 2013 Milan 8000 Participants.

**11. Prizes and Awards:** International honors and awards, such as Ferdinand Wortman Prize, 1996; Hoechst Marion Roussel Award, 1998; Professor Hans Storck Award, 1998; Dr.-Karl Heyer-Preis, 1998; Sedat Simavi Medicine Award, 1998; Allergopharma Award, 2001; European Allergy Research "Gold Medal", 2004; TUBITAK Exclusive Award, 2007, BUSIAD Award 2012, World Allergy Organization Award, 2013, American Academy of Allergy Asthma and Immunology Elliott Middleton Memorial Lecture, 2014, European Federation of Immunology Societies World Immunology Day Lecture, 2014, Honors given by the Ozbekistan Academy of Sciences, 2015 and Capital University of Beijign, 2015. Honorary Professor in Capital Medical University, Tongren

Hospital, Beijing Institute of Otolaryngology, China, 2013, Bezmialem University, Istanbul;  
Honorary Member: Swiss Society of Allergy Immunology (SSAI, SGAI), 2017.

## **12. Publications:**

**Total 428, last 5 years 175 publications in peer-reviewed journals**

**Average Citations per Item: 52.15**

**h-index : 81**

**First or last author articles cited more than 100 times: 63**

## **EDITED BOOKS, BOOK CHAPTERS**

2013 Editor, EAACI Global Atlas of Asthma

2014 Editor, EAACI Global Atlas of Allergy

2015 Editor, EAACI Global Atlas of Allergic Rhinitis and Chronic Rhinosinusitis: Three atlases translated to Spanish, Chinese, Greek. Downloaded more than 100'000 times.

## **Main Medical School and Post Graduate Education Text Books**

Nelson's Textbook of Pediatrics. Chapter: Allergy, Last 3 editions 19,20,21th Edition

Middleton's Allergy Principles and Practice (Elsevier). Tolerance, Histamin, 6,7,8th Edition

Co-Editor, Pediatric Allergy Principles and Practice (Elsevier), 3rd edition

Editorial articles: 22

Total Number of Book Chapters: 16

**PATENTS last 5 years:** 3 European and US patents on novel diagnosis, and probiotic bacteria