

## PROF. DR. MED. ULRIKE RAAP

Date of birth: March 14, 1972  
Gender: female

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Current position: Deputy, Dept. of Dermatology and Allergy, Hannover Medical School  
Children: two (\* 2005, \* 2007)

## CURRICULUM VITAE

### University education

1992-1994 Medical University of Lübeck (Germany)  
1994-1998 Hannover Medical School (Germany)

### Scientific degrees

1999 Medical thesis "Programmed cell death of peripheral blood eosinophils".  
Graduated with *summa cum laude*. Director: Prof. Dr. A. Kapp, Dept. of  
Dermatology and Allergy, Hannover Medical School, Germany

2013 German Habilitation on "Neuroimmune interaction mechanisms in  
allergic inflammatory diseases". Hannover Medical School, Germany

2014 Associate Professor

### Professional experience

1998-2000 Internship Dept. of Dermatology, Klinikum Region Hannover, Germany  
2000-2001 Postdoc Dept. of Clinical Chemistry and Molecular Diagnostics, Director:  
Prof. Dr. H. Renz, Phillips-University of Marburg, Germany

2001-2009 C-1 Assistant, Dept. of Dermatology and Allergy, Director: Prof. Dr. A.  
Kapp, Hannover Medical School

2004 Specialist in Dermatology  
2006 Specialist in Allergy  
12/2009-07/2014 W1-Juniorprofessor, Dept. of Dermatology and Allergy, Hannover  
Medical School  
since 12/ 2009 Deputy, Dept. of Dermatology and Allergy, Hannover Medical School

### Awards and honors

2005 Young Investigators Award, 4<sup>th</sup> Georg Rajka International Symposium on  
Atopic Dermatitis, France  
2006 Scientific award, German-Hungarian Society for Dermatology  
2007 Astellas Dermatology Scientific Award

2009	Young academics award, Working group pruritus, Arbeitsgemeinschaft Dermatologische Forschung (ADF)
2012	Championshipaward Novartis, XXXIX Jahrestagung der ADF
2013	d-elina Young academics award „mARble- mobile Augmented- Reality blended learning environment“, Bundesverband Informationswirtschaft, Telekommunikation und neue Medien e.V.
2013	Best free presentation, 47. Tagung der DDG
2014	Rudolf-Schoen Award, TUI foundation

#### **Board activities:**

2005-2006	President of the Junior members, European Academy of Allergy and Clinical Immunology (EAACI)
2005-2006	Executive Committee EAACI
since 2006-	Task force “ European Exam on Allergy and Clinical Immunology”, (EAACI)
since 2008-	Board Member Section Dermatology, EAACI
since 2010-	Advisory Board German Society of Allergy and Clinical Immunology (DGAKI)

#### **Memberships, panels and coordinating functions:**

Memberships: ADF, DDG, DGAKI, EAACI

#### **Funding:**

2013-2016	DFG: Clinical research group KFO 250; TP08 “Effector functions of eosinophils and basophils and FC $\epsilon$ RI $\alpha$ Auto-Ab in bullous pemphigoid”
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#### **Max. 10 most important publications**

1. Fölster-Holst R, Papakonstantinou E, Rüdrieh U, Buchner M, Pite H, Gehring M, Kapp A, Weidinger S, **Raap U** (2016). Childhood atopic dermatitis – Brain-derived neurotrophic factor correlates with serum ECP and disease severity. *Allergy*; [Epub ahead of print]
2. Kunsleben N, Rüdrieh U, Gehring M, Novak N, Kapp A, **Raap U** (2015). IL-31 induces chemotaxis, calcium mobilization, release of reactive oxygen species, and CCL-26 in eosinophils, which are capable to release IL-31. *J Invest Dermatol*; Jul;135(7):1908-11
3. Raap M, Rüdrieh U, Ständer S, Gehring M, Kapp A, **Raap U** (2015). Substance P activates human eosinophils. *Exp Dermatol*; Jul;24(7): 557-9
4. Hartmann K, Wagner N, Rabenhorst A, Pflanz L, Leja S, Förster A, Gehring M, Kapp A, **Raap U** (2013). Serum IL-31 levels are increased in a subset of patients with mastocytosis and correlate with disease severity in adult patients. *J Allergy Clin Immunol*; Jul;132(1):232-5
5. Peng WM, Maintz L, Allam JP, **Raap U**, Gütgemann I, Kirfel J, Wardelmann E, Perner S, Zhao W, Fimmers R, Walgenbach K, Oldenburg J, Schwarz LB, Novak N (2013). Increased circulating levels of neurotrophins and elevated expression of their high-affinity receptors on skin and gut mast cells in mastocytosis. *Blood*; Sept;5; 122(10):1779-88
6. **Raap U**, Wichmann K, Bruder M, Ständer S, Wedi B, Kapp A, Werfel T (2008). Correlation of IL-31 serum levels with severity of atopic dermatitis. *J Allergy Clin Immunol*; Aug;122(2) 421-3

7. **Raap U**, Fokkens W, Bruder M, Hoogsteden H, Kapp A, Braunstahl GJ (2008). Neurotrophin and neurotrophin receptor expression in nasal and bronchial mucosa before and after nasal allergen provocation in allergic rhinitis and nonatopic subjects. *Allergy*; Apr;63(4):468-75
8. **Raap U**, Deneka N, Bruder M, Kapp A, Wedi B (2008). Differential upregulation of neurotrophin receptor and neurotrophin functional activity on peripheral blood eosinophils of patients with allergic rhinitis, atopic dermatitis and nonatopic controls. *Clin Exp Allergy*; Sep;38(9):1493-8
9. **Raap U**, Werfel T, Bruder M, Deneka N, Goltz C, Langer K, Kapp A, Schmid-Ott G, Wedi B (2006). Circulating levels of Brain-derived neurotrophic factor correlate with disease severity in the intrinsic type of atopic dermatitis. *Allergy*. Dec;61 (12):1416-8
10. **Raap U**, Goltz C, Deneka N, Bruder M, Renz H, Kapp A, Wedi B (2005). Brain-derived neurotrophic factor is increased in in atopic dermatitis and modulates eosinophil functions compared with that seen in nonatopic subjects. *J Allergy Clin Immunol*. Jun;115(6):1268-75