Curriculum Vitae – PD Dr. Kerstin Bellaire-Siegmund

Personal information

Date of Birth	April 28th, 1977
Place of Birth	Frankfurt am Main (Germany)
Nationality	German
Marital status	married, one child
Business Address:	Division of Translational Cell Genetics Department for Medical Genetics, Innsbruck Medical University Peter -Mayr -Str. 1a A-6020 Innsbruck, Austria Telephone: +43 (0) 512 9003-70521

Main area of research

- T cell immunology with focus on homeostasis and immune regulation
- Cellular and molecular mechanisms of immunological tolerance
- Signaling, differentiation and migration of T cell subsets

Education

11/2018	**Habilitation (Venia docendi) in Immunology** Medical University Innsbruck (Austria) Thesis: *"The Roles of Protein Kinase C Theta and Coronin 1A in T Cell-Mediated Immune Responses."*
04/2002 - 09/2005	**Dr. rer. nat. in Immunology** Humboldt-University Berlin (Germany) Topic: *„Migration und suppressive capacity of regulatory T cell subsets."*
10/1996 - 12/2001	**Diploma in "Humanbiologie"** (Biomedical Sciences), Philipps-University Marburg (Germany) Thesis: *„Identification of the targeting signal of the sulfhydryl oxidases Erv1p und Erv2p in yeast."*

Positions held and research experience

Since 11/2012	**Postdoctoral scientist, Medical University Innsbruck**, Austria, Division of Translational Cell Genetics (Univ.-Prof. Dr. G. Baier)
	02/2014 – 10/2017 **Lise Meitner position** (funded by the FWF)
	06/2015 – 06/2016 Maternal leave
	01/2016 – 06/2016 Marginal employment (2.5h / week)
08/2011 – 09/2012	**Postdoctoral scientist, University of Calgary**, Canada Snyder Institute for Chronic Diseases (P. Kubes, PhD)
06/2009 – 06/2011	**Postdoctoral scientist, University of Basel**, Switzerland Biocenter (Univ.-Prof. Dr. J. Pieters)
	10/2010 - 12/2010 **visiting scientist** (collaboration), University of Calgary, Canada, Snyder Institute for Chronic Diseases (P. Kubes, PhD)
12/2008 - 04/2009	**Scientist, 4-Antibody AG**, Basel, Switzerland
10/2005 - 11/2008	**Postdoctoral scientist, Swiss Institute of Allergy & Asthma Research,** Davos, Switzerland, Department of Molecular Immunology (Dr. C. Schmidt-Weber)
04/2002 - 09/2005	**PhD student, Charité / Humboldt University Berlin**, Germany Department of Experimental Rheumatology (Univ.-Prof. Dr. A. Hamann)
05/2000 – 07/2000	**Internship** (Cell biology), **Yale University**, USA (I. Mellman, PhD)
02/1997 - 04/1997 07/1996 - 08/1996	**Working student, Hoechst AG**, Germany Department of metabolic processes

Teaching Activity

Since 2018	Lectures as part of MM 1.1 "**Versuchstierkunde**" (Mol. Med. Bachelor) Practical course PM3 **Immunity and Infection**, Module "Autoimmunity" (Mol. Med. Master)
since 2016	Lectures as part of the "**Basic course for animal experimentation**", Modules "Genetics and Breedings" and "Genetically modified mice"
since 2014	Lectures as part of the "**Basic course for animal experimentation**", Modules "Killing and Sampling" and "Application of substances"

Third party funding, Scholarships and Awards (selection)

2014 - 2015	Lise Meitner Position, FWF (M 1636-B23): ***154 540 Euros***
2013 – 2015	MUI-Start project (2013042002): ***29 999 Euros***
2010	EMBO short-term fellowship: ***4 858 Euros***
2006 - 2008	Marie Curie Fellowship of the European Commission (CD8-TREAT): ***173 831 Euro***

Publications in peer reviewed journals (only first and corresponding author publications shown)

Siegmund K, Thuille N, Posch N, Fresser F, Leitges M and Baier G (2019). Novel mutant mouse line emphasizes the importance of protein kinase C theta for $CD4^+$ T lymphocyte activation. *Cell Communication and Signaling, accepted May 2019*

Siegmund K, Wachowicz K., Thuille N, Hermann-Kleiter N and Baier G (2017). Protein kinase C theta is dispensable for suppression mediated by $CD25^+CD4^+$ regulatory T cells *PLOS One, DOI: 10.1371/journal.pone.0175463*

Siegmund K, Klepsch V, Hermann-Kleiter N and Baier G (2016). Proof of Principle for a T Lymphocyte Intrinsic Function of Coronin 1A. *J Biol Chem, DOI: 10.1074/jbc.M116.748012*

Siegmund K.#, Thuille N#., Posch N., Fresser F. and Baier (2015). Novel Protein kinase C θ:Coronin 1A complex in T lymphocytes. *Cell Communication and Signaling, DOI: 10.1186/s12964-015-0100-3.*

Siegmund K., Lee W.Y., Tchang V.S., Stiess M., Terracciano L., Kubes P., Pieters J. (2013). Coronin 1 is dispensable for leukocyte recruitment and liver injury in concanavalin A-induced hepatitis. *Immunol Lett, DOI: 10.1016/j.imlet.2013.06.005*

Westritschnig K, Bosedasgupta S, Tchang V.S., **Siegmund K.*** and Pieters J.* (2013) Antigen processing and presentation by dendritic cells is independent of coronin 1. *Mol Immunol,* 53(4):379-386, *DOI: 10.1016/j.molimm.2012.09.002.* * Corresponding authors

Siegmund K., Zeis T., Kunz G., Rolink T., Schaeren-Wiemers N. and Pieters J. (2011). Coronin 1-mediated naïve T cell survival is essential for the development of autoimmune encephalomyelitis. *J Immunol*, *DOI: 10.4049/jimmunol.1003491*

Siegmund K., Rückert B., Ouaked N., Bürgler S., Cezmi A., Akdis C.A. and Schmidt-Weber C.B. (2009). Unique phenotype of human tonsillar and *in vitro* induced $FOXP3^+CD8^+$ T cells. *J Immunol, DOI: 10.4049/jimmunol.0802271.*

Siegmund K.#, Feuerer M.#, Siewert C., Ghani S., Haubold U., Dankof A., Krenn V., Schön M.P., Scheffold A., Lowe J., Hamann A., Syrbe U. and Huehn J. (2005). Migration matters: regulatory T cell compartmentalization determines suppressive activity *in vivo. Blood, DOI:10.1182/blood-2005-05-1864*

Huehn J.#, **Siegmund K.**#, Lehmann J., Siewert C., Haubold U., Feuerer M., Debes G., Lauber J., Frey O., Przybylski G.K., Niesner U., de la Rosa M., Schmidt C.A., Bräuer R., Buer J., Scheffold A. and Hamann A. (2004). Developmental stage, phenotype and migration distinguish naive- and effector/memory-like $CD4^+$ regulatory T cells. *J Exp Med*, *DOI: 10.1084/jem.20031562*

#equal contribution