

Curriculum Vitae

Personal information:

First name Surname	Victoria Klepsch, PhD
Date of Birth	August 9 th , 1987
Nationality	AUSTRIA
Marital status	Married, one son
Sex	Female
Business Address	Division of Translational Cell Genetics, Medical University Innsbruck Peter - Mayr - Str. 1a, 6020 Innsbruck, Austria Telephone: +43 (0) 512 9003-70963 www.baierlab.com
E-Mail	victoria.klepsch@i-med.ac.at



Main area of research:

Tumor immunology, immune system and inflammation, mucosal immunology, intestinal inflammation, molecular mechanisms of T lymphocyte signalling, T cell lineage differentiation and effector functions, autoimmunity, innovative immunological therapeutic concepts.

Education and Work Experience

2006		Matura, Handelsakademie Innsbruck, Austria
2009		Bakk.biol. , Biology, Leopold Franzens University Innsbruck, Austria
2011		Undergraduate studies, University of Innsbruck, Austria and McMaster University, Stem Cell and Cancer Research Institute, Hamilton, Canada.
2012		MSc , Molecular Cell and Developmental Biology, University Innsbruck, Austria
2012	2015	PhD program "Molecular Cell Biology and Oncology", Institute for Translational Cell Genetics, University of Innsbruck (G. Baier, mentor).
2015		PhD , Medical University of Innsbruck, Austria
2015	onwards	Postdoctoral Fellow , Institute for Translational Cell Genetics, University of Innsbruck (G. Baier, mentor; contract with MUI till May 2020).
08/17	08/18	Maternal leave (part time work 11/17-08/18)
09/18	onwards	part-time work as PostDoc

Awards and Fellowships:

2013: PhD students meeting Poster Award, Innsbruck, Austria;
2014: MCBO Doctoral Poster Award, Innsbruck, Austria;
2016: MCBO Doctoral Thesis Award, Innsbruck, Austria;
2016: Sanofi-Aventis Award, Austria;
2016: Best Young Researchers Forum Award at Cancer Immunology Meeting, Melbourne, Australia;
2016: ÖGAI Ursula & Fritz Melchers PhD thesis award, Austria;
2019: Dr. Legerlotz Foundation Award, Medical University Innsbruck, Austria.
2019: Cornelia Wiedner Preis, ÖGGH, Austria.

Teaching:

Co-supervision of lab-side, bachelor, master and PhD students. Member of the lab-side-teaching team for "Molecular Medicine" students in our lab, starting with a new elective course in 2020 for Human Medicine students in the Life Science laboratory practical course, called "Genetische Immun-Onkologie".

Talks at Conferences:

2016: Tumor and Cancer Immunology and Immunotherapy Meeting, Melbourne, Australia
2017: Midwinter Immunology Conference, Seefeld, Austria
2019: Harald von Böhmer Midwinter Immunology Conference, Seefeld, Austria.

Career-related activities:

Member of "Österreichische Krebshilfe Tirol", ÖGAI (Österreichische Gesellschaft für Allergologie und Immunologie), EACR (European Association for Cancer Research) and EATI (European Academy of Tumor Immunology).

Special Competences:

Certificate of Animal Experimentation in accordance with the requirements with the EU Directive 2010/63/EU and with the recommendations of the FELASA "Basic Course for Animal Experimentation, Medical University Innsbruck"

Computational Competences:

Proficient user of Microsoft Office, Photoshop, Statview, WinMDI, FlowJo, EndNote, Graph Pad Prism
Microsoft and Apple operating system

1. **Klepsch V**, Moschen AR, Tilg H, Baier G and Hermann-Kleiter N. **Nuclear Receptors regulate intestinal Inflammation in the context of IBD**. *Front. Immunol.* 14 May 2019, doi: 10.3389/fimmu.2019.01070.
2. **Klepsch V**, Hermann-Kleiter N, Do-Dinh P, Jakic B, Offermann A, Efremova M, Rieder D, Krogsdam A, Perner S, Gamerith G, Sopper S, Tzankov A, Trajanoski Z, Wolf D and Baier G. **Nuclear Receptor NR2F6 Inhibition Potentiates Responses to PD-L1/PD-1 Cancer Immune Checkpoint Blockade**. *Nat Commun* 2018 April 18, 9,1538, doi:10.1038/s41467-018-04004-2.
3. Efremova M, Rieder D, **Klepsch V**, Charoentong P, Finotello F, Hackl H, Hermann-Kleiter N, Löwer M, Baier G, Krogsdam A, Trajanoski Z. **Targeting immune checkpoints potentiates immunoediting and changes the dynamics of tumor evolution**. *Nat Commun.* 2018 Jan 2;9(1):32. doi: 10.1038/s41467-017-02424-0.
- 4 Gerner RR, **Klepsch V**, Macheiner S, Arnhard K, Adolph TE, Grander C, Wieser V, Pfister A, Moser P, Hermann-Kleiter N, Baier G, Oberacher H, Tilg H, Moschen AR. **NAD metabolism fuels human and mouse intestinal inflammation**. *Gut.* 2017 Sep 6. pii: gutjnl-2017-314241. doi: 10.1136/gutjnl-2017-314241.
5. **Klepsch V**, Gerner RR, Klepsch S, Olson WJ, Tilg H, Moschen AR, Baier G and Hermann-Kleiter N. **Nuclear orphan receptor NR2F6 as a safeguard against experimental murine colitis**. *Gut.* 2017 Aug 4. pii: gutjnl-2016-313466. doi: 10.1136/gutjnl-2016-313466..
6. Siegmund K, **Klepsch V**, Hermann-Kleiter N, Baier G. **Proof of Principle for a T Lymphocyte Intrinsic Function of Coronin 1A**. *J Biol Chem.* 2016 Oct 14;291(42):22086-22092.
7. Pfeifhofer-Obermair C, Albrecht-Schgoer K, Peer S, Nairz M, Siegmund K, **Klepsch V**, Haschka D, Thuille N, Hermann-Kleiter N, Gruber T, Weiss G, Baier G. **Role of PKCtheta in macrophage-mediated immune response to Salmonella typhimurium infection in mice**. *Cell Commun Signal.* 2016 Jul 28;14(1):14. doi: 10.1186/s12964-016-0137-y.
8. Moschen AR, Gerner RR, Wang J, **Klepsch V**, Adolph TE, Reider SJ, Hackl H, Pfister A, Schilling J, Moser PL, Kempster SL, Swidsinski A, Orth Höller D, Weiss G, Baines JF, Kaser A, Tilg H. **Lipocalin 2 Protects from Inflammation and Tumorigenesis Associated with Gut Microbiota Alterations**. *Cell Host Microbe.* 2016 Apr 13;19(4):455-69. doi: 10.1016/j.chom.2016.03.007.

9. Klepsch V, Hermann-Kleiter and Baier G **Beyond CTLA-4 and PD-1: Orphan nuclear receptor NR2F6 as T cell signaling switch and emerging target in cancer immunotherapy.** Immunology Letters, 2016 Mar 15. pii: S0165-2478(16)30032-3. doi: 10.1016/j.imlet.2016.03.007
10. Hermann-Kleiter N*, **Klepsch V***, Wallner S, Siegmund K, Klepsch S, Tuzlak S, Villunger A, Kaminski S, Pfeifhofer-Obermair C, Gruber T, Wolf D, Baier G. **both authors contributed equally to this work.* **The Nuclear Orphan Receptor NR2F6 Is a Central Checkpoint for Cancer Immune Surveillance.** Cell Rep. 2015 Sep 29; 12(12):2072-85. doi: 10.1016/j.celrep.2015.08.035. Epub 2015 Sep 17.
11. Schuler F, Baumgartner F, **Klepsch V**, Chamson M, Müller-Holzner E, Watson CJ, Oh S, Hennighausen L, Tymoszuk P, Doppler W, Villunger A. **The BH3-only protein BIM contributes to late-stage involution in the mouse mammary gland.** Cell Death Differ. 2015 Jun 5; doi: 10.1038/cdd.2015.61
12. Baumgartner F, Woess C, **Pedit V**, Tzankov A, Labi V, Villunger A. **Minor cell-death defects but reduced tumor latency in mice lacking the BH3-only proteins Bad and Bmf.** Oncogene. 2013 Jan 31; 32(5):621-30. doi: 10.1038/onc.2012.78. Epub 2012 Mar 19.