



Curriculum Vitae

Personal information **Kristyna Rehorova Hradilkova**

Work experience

1. Employer: State Institute for Drug Control
 - Start date: 012019
 - End date:
 - Position: A quality assessor for advanced therapy medicinal products and biological medicinal products
 - Activities: Scientific advice on quality development of advanced therapy medicinal products, assessment of clinical trials and marketing authorisations of biological and ATMP products.
 - Country: Czechia
2. Employer: Deutsche Rheumaforschungszentrum
 - Start date: 032010
 - End date: 062017
 - Position: Scientist
 - Activities: Molecular cell biology and immunology, normoxic and hypoxic cell culture, viral transfection, transcriptome analysis, statistical evaluation, work with murine animal model, flow cytometry, metabolic assays, molecular techniques _cloning, RT PCR, next generation sequencing, shRNA
 - Country: Germany
3. Employer: TU Berlin
 - Start date: 072016
 - End date: 012017
 - Position: Data analyst
 - Activities: Statistical analysis of patient/hospital data, contributing to the scientific background information presented on the conference. Organisation of conference on cross_border cooperation between the Czech Republic and Germany.
 - Country: Germany
4. Employer: Max Planck Institute of Molecular Cell Biology and Genetics
 - Start date: 112007
 - End date: 062008
 - Position: intern/master student
 - Activities: Molecular biology of the regeneration. Working with animal model of the regeneration _ axolotl. Identification and sequencing of the key genes involved in the neuro_regeneration.
 - Country: Germany

Education and training

1. Subject: Faculty of Biology, Humboldt University Berlin
 - Start date: 032010
 - End date: 072018
 - Qualification: Dr.rer.nat _ doctorate in biology
 - Organisation: Molecular cell biology and immunology, normoxic and hypoxic cell culture, viral transfection, transcriptome analysis, statistical evaluation, work with murine animal model, flow cytometry, metabolic assays, molecular techniques _cloning, RT PCR, next generation sequencing, shRNA
 - Country: Germany
2. Subject: Max Planck Institute of Molecular Cell Biology and Genetics
 - Start date: 092006
 - End date: 062008
 - Qualification: Master of Science
 - Organisation: Molecular biology of neural crest development and regeneration.
 - Country: Germany
3. Subject: University of Perugia _ Job Creation Oriented Biotechnology
 - Start date: 092003
 - End date: 062006
 - Qualification: Bachelor of Science
 - Organisation: Phylogenetic profiling of the polluted ground waters _ identification of the anaerobic bacteria responsible for degradation of the organic compounds.
 - Country: Italy

Additional information

Publications

T helper lymphocytes of chronic inflammation are maintained by fatty acid oxidation and adapt to it through Twist1. Hradilkova K, Maschmeyer P, Westendorf K, Schliemann H, Husak O, von Stuckrad SL, Kallinich T, Minden K, Durek P, Grün JR, Chang HD, Radbruch A. *Arthritis Rheumatol.* 2019 May 27. doi: 10.1002/art.40939. [Epub ahead of print] miR_148a is upregulated by Twist1 and T_bet and promotes Th1_cell survival by regulating the proapoptotic gene Bim. Haftmann C, Stittrich AB, Zimmermann J, Fang Z, Hradilkova K, Bardua M, Westendorf K, Heinz GA, Riedel R, Siede J, Lehmann K, Weinberger EE, Zimmel D, Lauer U, Häupl T, Sieper J, Backhaus M, Neumann C, Hoffmann U, Porstner M, Chen W, Grün JR, Baumgrass R, Matz M, Löhning M, Scheffold A, Wittmann J, Chang HD, Rajewsky N, Jäck HM, Radbruch A, Mashreghi MF. *Eur J Immunol.* 2015 Apr;45(4):1192_205. doi: 10.1002/eji.201444633. Epub 2015 Jan 22. Persistence of effector memory Th1 cells is regulated by Hopx. Albrecht I, Niesner U, Janke M, Menning A, Lodenkemper C, Kühl AA, Lepenies I, Lexberg MH, Westendorf K, Hradilkova K,

Grün J, Hamann A, Epstein JA, Chang HD, Tokoyoda K, Radbruch A. Eur J Immunol. 2010 Nov;40(11):2993-3006.
doi: 10.1002/eji.201040936. Epub 2010 Oct 27.

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