

General Information

Name: Arefeh Rouhi, PhD
Date of Birth: 26.08.1978
Gender: Female
Office Address: Department of Internal Medicine III, Ulm University
Albert-Einstein-Allee 23, 89081 Ulm, Germany
Phone: +49 731 500 45728
E-Mail: arefeh.rouhi@uni-ulm.de
Current Position: Post-Doctoral fellow
Children: 1
Maternity leave: 12/2013-02/2015

Academic Education

09/2002-05/2008 Doctoral Thesis (PhD)
Department of Medical Genetics, Faculty of Medicine, University of
British Columbia and Terry Fox Laboratory, British Columbia Cancer
Research Center, Vancouver, BC, Canada
Thesis title: "A role for epigenetic modifications in the maintenance of
mouse Ly49 receptor expression"
09/1998-05/2002 Bachelor of Science (BSc)
Genetics (Honours) Program, Department of Zoology, Faculty of
Science, University of British Columbia, Vancouver, BC, Canada

Academic Degrees

2008 Doctoral Thesis (PhD)
Medical Genetics; Mentor: Dr. Dixie Mager

Professional Experience

Since 2012 Project leader (joint with Dr. Florian Kuchenbauer), SFB 1074
Research grant
Since 2012 Post-doctoral fellowship, Department of Internal Medicine III,
University-Hospital Ulm, Ulm, Germany. Mentors: Dr. Claudia Scholl
and Dr. Stefan Fröhling
Since 2009 Post-doctoral fellowship, Institute for Experimental Cancer Research,
Clinical Comprehensive Centre, University-Hospital Ulm, Ulm,
Germany. Mentor: Dr. Christian Buske
Since 2008 Post-doctoral fellowship, Terry Fox Laboratory, British Columbia
Cancer Research, Vancouver, BC, Canada. Mentors: Dr. Dixie Mager,
Dr. Fumio Takei, Dr. Keith Humphries

Miscellaneous

Awards, Honors, Positions:

07/2012-07/2016 SFB 1074 Research grant (Co-applicant with Dr. Florian Kuchenbauer)
01/2011-12/2012 Start-up grant (Baustein), Medical Faculty, Ulm University
02/2011-02/2014 Deutsche Forschungsgemeinschaft (DFG) Research grant (Co-
applicant with Dr. Florian Kuchenbauer)
2010-2013 Canadian Institute of Health Research Postdoctoral Fellowship

2009	ISEH Travel award
2007	James Miller Memorial Prize
2006-2008	Natural Sciences and Engineering Research Council of Canada Post-Graduate Scholarship-B
2006-2008	Michael Smith Foundation for Health Research Junior Trainee Award
2007	9 th meeting of the Society for Natural Immunity Travel award
2005-2006	University of British Columbia Graduate Fellowship
2003-2005	Natural Sciences and Engineering Research Council of Canada Post-Graduate Scholarship-A
2003-2005	Michael Smith Foundation for Health Research Junior Trainee Award
2002	Graduate Entrance Scholarship
2002	British Columbia Cancer Summer Studentship

Publications

1. Azoitei N, Diepold K, Brunner C, Rouhi A, Genze F, Becher A, Kestler H, van Lint J, Chiosis G, Koren J 3rd, Fröhling S, Scholl C, Seufferlein T. HSP90 supports tumor growth and angiogenesis through PRKD2 protein stabilization. **Cancer Res**. 2014;74(23):7125-36.
2. Rouhi A, Fröhling S. Oncotarget. Deregulation of the CDX2-KLF4 axis in acute myeloid leukemia and colon cancer. **Oncotarget**. 2013;4(2):174-75.
3. Mulaw MA, Krause AJ, Deshpande AJ, Krause LF, Rouhi A, La Starza R, Borkhardt A, Buske C, Mecucci C, Ludwig WD, Lottaz C, Bohlander SK. CALM/AF10-positive leukemias show upregulation of genes involved in chromatin assembly and DNA repair processes and of genes adjacent to the breakpoint at 10p12. **Leukemia**. 2012;26(5):1012-19.
4. Deshpande AJ*, Rouhi A*, Lin Y, Stadler C, Greif PA, Arseni N, Opatz S, Quintanilla-Fend L, Holzmann K, Hiddemann W, Döhner K, Döhner H, Xu G, Armstrong SA, Bohlander SK, Buske C. The clathrin-binding domain of CALM and the OM-LZ domain of AF10 are sufficient to induce acute myeloid leukemia in mice. **Leukemia**. 2011;25(11):1718-27. *Equal contribution
5. Kuchenbauer F, Mah SM, Heuser M, McPherson A, Ruschmann J, Rouhi A, Berg T, Bullinger L, Argiropoulos B, Morin RD, Lai D, Starczynowski DT, Karsan A, Eaves CJ, Watahiki A, Wang Y, Aparicio SA, Ganser A, Krauter J, Döhner H, Döhner K, Marra MA, Camargo FD, Palmqvist L, Buske C, Humphries RK. Comprehensive analysis of mammalian miRNA* species and their role in myeloid cells. **Blood**. 2011;118(12):3350-58.
6. Argiropoulos B, Palmqvist L, Imren S, Rouhi A, Mager DL, Humphries RK. Meis1 disrupts the genomic imprint of Dlk1 in a NUP98-HOXD13 leukemia model. **Leukemia**. 2010;24(10):1788-91.
7. Xiang P, Lo C, Argiropoulos B, Lai CB, Rouhi A, Imren S, Jiang X, Mager D, Humphries RK. Identification of E74-like factor 1 (ELF1) as a transcriptional regulator of the Hox cofactor MEIS1. **Exp Hematol**. 2010;38(9):798-98.
8. Rogers SL, Zhao Y, Jiang X, Eaves CJ, Mager DL, Rouhi A. Expression of the leukemic prognostic marker CD7 is linked to epigenetic modifications in chronic myeloid leukaemia. **Mol Cancer**. 2010;9:41.
9. Rouhi A, Lai CB, Cheng TP, Takei F, Yokoyama WM, Mager DL. Evidence for high biallelic expression of activating Ly49 receptors. **Nucleic Acids Res**. 2009;37(16):5331-42.
10. Rouhi A, Gagnier L, Takei F, Mager DL. Evidence for epigenetic maintenance of Ly49a mono-allelic gene expression. **J Immunol**. 2006;176(5):2991-99.