

General Information

Name: Dr. med. Ph.D. Florian Kuchenbauer
Date of Birth: 15.03.1974
Gender: Male
Address: Department of Internal Medicine III, Ulm University,
Albert-Einstein-Allee 23, 89081 Ulm, Germany
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Current Position: Scientist / Clinical Fellow, Department of Internal Medicine III,
University Hospital Ulm, Max-Eder Group leader
Children: 1

Academic Education

12/2013 Board examination for Internal Medicine, Hematology and Oncology
(German: "Facharztanerkennung für Innere Medizin und Hämatologie
und Onkologie")
11/1994-04/2001 Medical School, Ludwig-Maximilians University, Munich, Germany

Academic Degrees

09/2005-10/2009 Doctoral Thesis (PhD)
Experimental Medicine Program, Dr. Keith Humphries
University of British Columbia and Terry Fox Laboratory, British
Columbia Cancer Research Center, Vancouver, BC, Canada
Thesis title: "microRNAs in Hematopoiesis and Acute Myeloid
Leukemia"
04/1997-05/2002 Medical Doctoral Thesis (MD)
Department of Neuro-Endocrinology, Prof. Dr. Günter K. Stalla, Max-
Planck-Institute for Psychiatry, Munich, Germany
Thesis title: "The Role of Components of the Extracellular Matrix on
Pituitary Physiology and Pituitary Tumor Development"

Professional Experience

Since 08/2013 Senior Resident / Group Leader – Bone Marrow Transplantation Unit,
Department of Internal Medicine III, University of Ulm, Germany; Head:
Prof. Dr. Donald Bunjes (Medical Director: Prof. Dr. Hartmut Döhner)
08/2009-07/2013 Medical Resident / Group Leader
Department of Internal Medicine III, University of Ulm, Germany
Director: Prof. Dr. Hartmut Döhner
06/2001-08/2005 Medical Resident
Department of Internal Medicine III, Klinikum Grosshadern, Munich,
Germany
Director: Prof. Dr. Wolfgang Hiddemann

Miscellaneous

Awards, Honors, Positions:

05/2012-07/2016 Project A5 - SFB 1074 "Experimental Models and Clinical Translation
in Leukemia"
02/2011-09/2015 Max-Eder Young Investigator Program (German Cancer Society)
02/2011-02/2012 Deutsche Forschungsgemeinschaft (DFG) Research Grant
01/2011 European Hematology Association (EHA) Research Award

2007-2010

Multiple travel awards

11/2005-11/2007

Deutsche Forschungsgemeinschaft (DFG) Post-Doctoral Research
Scholarship

Publications

1. Gentner B, Pochert N, Rouhi A, Boccalatte F, Plati T, Berg T, Sun SM, Mah S, Mirkovic-Hösle M, Ruschmann J, Muranyi A, Leierseder S, Argiropoulos B, Starczynowski DT, Karsan A, Heuser M, Hogge D, Camargo FD, Engelhardt S, Döhner H, Buske C, Jongen-Lavrencic M, Naldini L, Humphries RK, Kuchenbauer F. MicroRNA-223 dose-levels fine-tune proliferation and differentiation in human cord blood progenitors and acute myeloid leukemia. **Exp Hematol**. 2015 Jul 8. pii: S0301-472X(15)00511-1.
2. Copley M, Babovic S, Benz C, Knapp D, Beer P, Kent DG, Wohrer S, Treloar D, Day C, Rowe K, Mader H, Kuchenbauer F, Humphries RK, Eaves CJ. The Lin28b-let-7-Hmga2 axis determines the higher self-renewal potential of fetal haematopoietic stem cells. **Nat Cell Biol**. 2013;15(8):916-25.
3. Grasedieck S, Sorrentino A, Langer C, Buske C, Döhner H, Mertens D, Kuchenbauer F. Circulating microRNAs as biomarkers in hematological diseases: principles, challenges and perspectives. **Blood**. 2013;121(25):4977-84.
4. Grasedieck S, Schöler N, Bommer M, Niess JH, Tumani H, Rouhi A, Bloehdorn J, Liebisch P, Mertens D, Döhner H, Buske C, Langer C, Kuchenbauer F. Impact of serum storage conditions on microRNA stability. **Leukemia**. 2012;26(11):2414-6
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, Ganster 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):3350-8.
6. Petriv OI*, Kuchenbauer F*, Delaney AD, Lecault V, White A, Kent D, Marmolejo L, Heuser M, Berg T, Copley M, Ruschmann J, Sekulovic S, Benz C, Kuroda E, Ho V, Antignano F, Halim T, Giambra V, Krystal G, Takei CJ, Weng AP, Piret J, Eaves C, Marra MA, Humphries RK, Hansen CL. *authors contributed equally. Comprehensive microRNA expression profiling of the hematopoietic hierarchy. **Proc Natl Acad Sci U S A**. 2010;107(35):15443-8.
7. Starczynowski DT, Kuchenbauer F, Argiropoulos B, Sung S, Morin R, Muranyi A, Hirst M, Hogge D, Marra M, Wells R, Buckstein R, Lam W, Humphries RK, Karsan A. Identification of miR-145 and miR-146a as mediators of the 5q- syndrome phenotype, **Nat Med**. 2010;16(1):49-58.
8. Kuchenbauer F*, Morin RD*, Argiropoulos B, Petriv OI, Griffith M, Heuser M, Yung E, Piper J, Delaney A, Prabhu A, Zhao Y, McDonald H, Zeng T, Hirst M, Hansen CL, Marra MA, Humphries RK. In depth characterization of the microRNA transcriptome in a leukemia progression model. **Genome Res**. 2008;18(11):1787-97. *Authors contributed equally.
9. Rouhi A, Mager DL, Humphries RK, Kuchenbauer F. MiRNAs, epigenetics, and cancer. **Mamm Genome**. 2008;19(7-8):517-25
10. Morin RD, O'Connor MD, Griffith M, Kuchenbauer F, Delaney A, Prabhu AL, Zhao Y, McDonald H, Zeng T, Hirst M, Eaves CJ, Marra MA. Application of massively parallel sequencing to microRNA profiling and discovery in human embryonic stem cells. **Genome Res**. 2008;18(4):610-21.