

General Information

Name: Prof. Dr. med. Michaela Feuring-Buske
Date of Birth: 16.10.1967
Gender: Female
Address: Department of Internal Medicine III, Ulm University, Albert-Einstein-Allee 23, 89081 Ulm, Germany
Phone: +49 731 500 65823
Fax: +49 731 500 65822
E-Mail: michaela.feuring-buske@uni-ulm.de
Current Position: Attending Physician and Professor, Department of Internal Medicine III, Ulm University

Academic Education

1994 Approbation
1993 Medical Licensing Examination
1992-1993 GAU Göttingen University Medical School
1987-1992 WWU Münster University Medical School

Academic Degrees

2017 Professor (*Außerplanmäßig [apl.]*), Ulm University
2003 Postdoctoral Thesis (*Habilitation*), Internal Medicine, LMU University, Mentor: Prof. Dr. Wolfgang Hiddemann
1996 Doctoral Thesis (*Promotion*), Medicine, Westfälische Wilhelms-Universität Münster, Advisor: Prof. Dr. B. Wörmann

Professional Experience

Since 2009 Attending Physician, Professor (apl.), Department of Internal Medicine III, Ulm University (Director: Prof. Dr. H. Döhner)
Since 2016 Head of the Morphology and Cytometry Laboratory, Department of Internal Medicine III (Prof. Dr. H. Döhner)
2001-2006 Scientist/Clinical Fellow, Department of Internal Medicine III, Ludwig Maximilian University Munich, Klinikum Großhadern)
2006-2009 Attending Physician (Oberärztin), Department of Internal Medicine III, Ludwig Maximilian University Munich, Klinikum Großhadern (Director: Prof. Dr. W. Hiddemann)
1998-2001 Postdoctoral Fellowship, Terry Fox Laboratory, British Cancer Agency, Vancouver, Canada (Mentor: Dr. Donna Hogge)
1995-1998 Scientist/Clinical Fellow, Center of Internal Medicine, Department of Hematology/Oncology), Georg-August University Göttingen (Director: Prof. Dr. W. Hiddemann)
1994-1995 Internship (Ärztin im Praktikum) Center of Internal Medicine, Department of Hematology/Oncology), Georg-August University Göttingen (Director: Prof. Dr. W. Hiddemann)

Miscellaneous

Awards and Honors

2002-2005 Max-Eder Junior Research Group, German Cancer Foundation
1998-2000 Postdoctoral fellowship, German Cancer Foundation
1999 Canadian Research Award
1987-1993 Scholarship of the „Studienstiftung des Deutschen Volkes“

Publications

1. Thoene S, Mandal T, Vegi NM, Quintanilla-Martinez L, Rösler R, Wiese S, Metzeler K, Herold T, Haferlach T, Döhner K, Döhner H, Schwarzmüller L, Klingmüller U, Buske C, Rawat VPR, Feuring-Buske M. The Parahox gene Cdx4 induces acute erythroid leukemia in mice. **Blood Adv**. 2019;3(22):3729-3739.
2. Feder K, Edmaier-Schröger K, Rawat V, Kirsten N, Metzeler K, Kraus J, Döhner K, Döhner H, Kestler H, Feuring-Buske M, Buske C. Differences in expression and function of LEF1 isoforms in normal versus leukemic hematopoiesis. **Leukemia**. 2019 Nov 22 [Epub ahead of print]
3. Rawat VP, Götze M, Rasalkar A, Vegi NM, Ihme S, Thöne S, Pastore A, Bararia D, Döhner H, Döhner K, Feuring-Buske M, Quintanilla-Fend L, Buske C. The microRNA miR-196b acts as tumor suppressor in Cdx2 driven acute myeloid leukemia. **Haematologica**. 2019 Sep 26. [Epub ahead of print]
4. Tasdogan A, Kumar S, Allies G, Bausinger J, Beckel F, Hofemeister H, Mulaw M, Madan V, Scharfetter-Kochanek K, Feuring-Buske M, Döhner K, Speit G, Stewart AF, Fehling HJ. DNA Damage-Induced Malfunction Depends on ROS Accumulation Downstream of IFN-1 Signaling and BID Mobilization. **Cell Stem Cell**. 2017;20(3):415.
5. Gentner E, Vegi NM, Mulaw M, Mandal T, Bamezai S, Claus R, Tasdogan A, Quintanilla-Martinez L, Grunenberg A, Döhner K, Döhner H, Bullinger L, Haferlach T, Buske C, Rawat V, Feuring-Buske M. VENTX induces expansion of primitive erythroid cells and contributes to the development of acute myeloid leukemia in mice. **Oncotarget**. 2016;7:86889-86901.
6. Cusan M, Vegi NM, Mulaw MA, Bamezai S, Kaiser LM, Deshpande AJ, Greif PA, Quintanilla-Fend L, Göllner S, Müller-Tidow C, Humphries KR, Armstrong SA, Hiddemann W, Feuring-Buske M, Buske C. Controlled stem cell amplification by HOXB4 depends on its unique proline-rich region near the N terminus. **Blood**. 2017;129(3):319-323.
7. Vegi NM, Klappacher J, Oswald F, Mulaw MA, Mandoli A, Thiel VN, Bamezai S, Feder K, Martens JHA, Rawat VPS, Mandal T, Quintanilla-Martinez L, Spiekermann K, Hiddemann W, Döhner K, Döhner H, Stunnenberg HG, Feuring-Buske M, Buske C. MEIS2 is an oncogenic partner in AML1-ETO-positive AML. **Cell Rep**. 2016;16(2):498-507.
8. Rawat VP, Arseni N, Ahmed F, Mulaw MA, Thoene S, Heilmeier B, Sadlon T, D'Andrea RJ, Hiddemann W, Bohlander SK, Buske C, Feuring-Buske M. The vent-like homeobox gene VENTX promotes human myeloid differentiation and is highly expressed in acute myeloid leukemia. **Proc Natl Acad Sci U S A**. 2010;107(39):16946-51.
9. Ahmed F, Arseni N, Glimm H, Hiddemann W, Buske C, Feuring-Buske M. Constitutive expression of the ATP-binding cassette transporter ABCG2 enhances the growth potential of early human hematopoietic progenitors. **Stem Cells**. 2008;26(3):810-8.
10. Schessl C, Rawat VP, Cusan M, Deshpande A, Kohl TM, Rosten PM, Spiekermann K, Humphries RK, Schnittger S, Kern W, Hiddemann W, Quintanilla-Martinez L, Bohlander SK, Buske C*, Feuring-Buske M*. The AML1-ETO fusion gene and the FLT3 length mutation collaborate in inducing acute leukemia in mice. **J Clin Invest**. 2005;115(8):2159-68. *Equal contribution