




<b>Name</b>	Prof. Dr. Daniela Krause	
<b>Current Position</b>	Professor of Medicine, Goethe University Frankfurt	
<b>Country</b>	Germany	
<b>Major Field</b>	Hematology, Transfusion Medicine	

## Educational Background

10/1992-12/1998	Medical School, Free University Berlin
12/1998	Doctoral thesis (Dr. med.), Medical Faculty of the University of the Saarland, Germany
01/1999-08/2000	Internship and Residency, Dept. of Internal Medicine (Haematology/Oncology), Charité-Campus Virchow Klinikum Berlin, Humboldt University

## Professional Experience

09/2000-04/2001	Postdoctoral fellowship in the group of Prof. Elliott Kieff, Channing Laboratory, Harvard University, Boston, USA
05/2001-06/2005	Postdoctoral fellowship in the group of Prof. Richard Van Etten, The CBR Institute for Biomedical Research, Harvard Medical School, Boston, USA
07/2005-06/2008	Residency and Chief Residency in Clinical Pathology, Department of Pathology, Massachusetts General Hospital, Harvard University, Boston, MA
07/2008-06/2009	Fellowship in Transfusion Medicine, Harvard University, Boston, MA
07/2009-06/2010	T32 Training Grant (National Cancer Institute), Massachusetts General Hospital, Harvard University, Boston, MA
07/2010-06/2014	K08 Mentored Clinical Scientist Award (National Cancer Institute), Massachusetts General Hospital, Harvard University, Boston, MA, and Graduate Assistant in Pathology at Massachusetts General Hospital, and staff at Beth Israel Deaconess Medical Center, both Harvard University, Boston, MA
04/2012-06/2015	Junior Faculty Member and Instructor, Harvard University, Boston, MA
07/2014-present	Research Group leader, Georg-Speyer-Haus, Frankfurt am Main
10/2015-present	Appointment to a W2-professorship for cell and gene therapy at the LOEWE Centre for Cell and Gene therapy (Department of Medicine of the Johann




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	Wolfgang Goethe-University)
10/2015-06/2021	Physician in the Molecular Diagnostics Laboratory as Specialist in Laboratory Medicine, Medical Clinic II (University Clinic of the Goethe University Frankfurt)
10/2014-present	Parttime physician at the German Red Cross – Blood Donor Service Baden-Württemberg/Hessen as Specialist in Transfusion Medicine in Frankfurt
06/2021-present	Parttime attending in Laboratory Medicine at the University Clinic Giessen/Marburg (Oberärztin), Director of the Haematology Laboratory

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## Other Experience and Professional Memberships

2001-present	American Society of Hematology
2016-2021	Scientific Committee of the European School of Haematology
2020-present	Deutsche Gesellschaft für Klinische Chemie
2020-present	Deutsche Gesellschaft für Transfusionsmedizin und Immunhämatologie
2015-present	Member of the World Committee of the International Association for Comparative Research on Leukemia and Related Diseases

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## Main Scientific Publications

- Krause DS**, Fulzele K, Catic A, Sun CC, Dombkowski D, Hurley MP, Lezeau S, Attar E, Wu JY, Lin HY, Divieti-Pajevic P, Hasserjian RP, Schipani E, Van Etten RA, Scadden DT  
Differential regulation of myeloid leukemias by the bone marrow microenvironment  
Nature Medicine 2013; 19(11):1513-1517\* \*Faculty of 1000 Prime status
  - Zanetti C, Kumar R, Ender J, Godavarthy PS, Hartmann M, Hey J, Breuer K, Weissenberger ES, Minciacchi V, Karantanou C, Gu Z, Roberts KG, Metzler M, Stock W, Mullighan CG, Bloomfield CD, Filmann N, Bankov K, Hartmann S, Hasserjian RP, Cousins A, Halsey C, Plass C, Lipka DB, **Krause DS**  
The age of the bone marrow microenvironment influences B-cell acute lymphoblastic leukemia progression via CXCR5-CXCL3  
Blood. 2021;138(19):1870-1884
  - Méndez-Ferrer S, Bonnet D, Steensma DP, Hasserjian RP, Ghobrial IM, Gribben JG, Andreeff M, **Krause DS**  
Bone marrow niches in haematological malignancies.  
Nat Rev Cancer, 2020, May;20(5):285-298.
- Etc.
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