

CURRICULUM VITAE

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PART I: General Information

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Place of Birth: Wismar (Germany)

Education:

1997 M.D., Freie Universität Berlin
1999 *Doctor Medicinae* (Pharmacology, Ph.D.-equivalent), *summa cum laude*, Freie Universität Berlin

Postdoctoral Training:

1999-2002 Resident in Pediatrics, Pediatrics, Yale-New Haven Children's Hospital
2002-2007 Clinical Fellow in Cardiology, Pediatric Cardiology, Children's Hospital
2004-2005 Research Fellow, Mentor: Mark Keating, Cardiology, Children's Hospital

Licensure and Certification:

2002 American Board of Pediatrics
2006 Sub-board of Pediatric Cardiology
2006 Massachusetts Board of Registration in Medicine

Academic Appointments:

2002-2005 Fellow in Pediatrics, Harvard Medical School
2005-2007 Instructor in Pediatrics, Harvard Medical School
2008- Assistant Professor of Pediatrics, Harvard Medical School

Hospital or Affiliated Institution Appointments:

2002-2007 Clinical Fellow in Cardiology, Children's Hospital, Boston, MA
2007- Assistant in Cardiology, Children's Hospital, Boston, MA

Hospital and Health Care Organization Clinical Service Responsibilities:

2007- Attending Physician in Cardiology, Children's Hospital, Boston, MA

Major Committee Assignments:

Regional

2008 Maryland Exploratory Grant Review Committee, Maryland Stem Cell Program

Professional Societies:

1999- American Academy of Pediatrics, Member
2002- American College of Cardiology, Member
2006- Massachusetts Medical Society, Member
2008- American Heart Association, Member

Community Service Related to Professional Work:

2005- Radiation Safety Permit Holder, Children's Hospital, Boston, MA

Awards and Honors:

1996 Benjamin Franklin Award for Outstanding Research Achievements as a Medical Student, Freie Universität Berlin
1997 Research Prize, Freie Universität Berlin
1997 Graduation from Medical School at 96th percentile, Freie Universität Berlin
2004-2006 Post-doctoral Fellowship Award, American Heart Association
2007 Young Investigator Award, First Prize, American College of Cardiology

Part III: Bibliography

Original Articles

1. Herrlich A, **Kühn B**, Grosse R, Schmid A, Schultz G, Gudermann T. Involvement of G_s and G_i Proteins in Dual Coupling of the Luteinizing Hormone Receptor to Adenylyl Cyclase and Phospholipase C. *J. Biol. Chem.* 1996;271:16764-16772.
2. **Kühn B**, Schmid A, Harteneck C, Gudermann T, Schultz G. G Proteins of the G_q Family Couple the H₂ Histamine Receptor to Phospholipase C. *Mol. Endocrinol.* 1996;10:1697-1707.
3. **Kühn B**, Gudermann T. The Luteinizing Hormone Receptor Activates Phospholipase C via Preferential Coupling to G_{i2}. *Biochemistry* 1999;38:12490-12498.
4. **Kühn B**, Christel C, Wieland T, Schultz G, Gudermann T. G-protein βγ Subunits Contribute to the Coupling Specificity of the β₂-adrenergic Receptor to G_s. *Naunyn-Schmiedeberg's Arch. Pharmacol.* 2002;365:231-241.
5. **Kühn B**, Shapiro ED, Walls TA, Friedman AH. Predictors of Outcome of Myocarditis. *Ped. Cardiol.* 2004;25:379-384.
6. **Kühn B**, del Monte F, Hajjar RJ, Chang YS, Lebeche D, Arab S, Keating MT. Periostin Induces Proliferation of Differentiated Cardiomyocytes and Promotes Cardiac Repair. *Nat. Med.* 2007;13:962-969.
7. **Kühn B**, Peters J, Marx GR, Breitbart RE. Etiology, Management, and Outcome of Pediatric Pericardial Effusions. *Ped. Cardiol.* 2008;29:90-94.

Clinical Communications

1. **Kühn B**, Bechtel K, Baum C. Dispensing Error: Calcium-channel Blocker substituted for Neuroleptic. *Int. J. Med. Toxicol.* 2001;4:26-28.

Thesis

1. **Kühn B**. Duale G-Protein-Kopplung des LH- und des Histamin H₂-Rezeptors. Berlin, Germany: Freie Universität Berlin;1999.

Non-Print Materials

1. Arab S, **Kühn B**. Protocols in Regenerative Cardiology. First edition, June 2007.

Patents

1. **Kühn B**. Periostin Induces Proliferation of Cardiomyocytes and Promotes Cardiac Regeneration. U.S. Patent Application Serial No.: 60/881,938; filed 01/22/2008

Abstracts (selected)

1. **Kühn B**, del Monte F, Hajjar RJ, Arab S, Keating MT. Myocardial Regeneration Through Periostin-induced Cardiomyocyte Proliferation. *J. Am. Coll. Cardiol.* 2007;49:421A.
2. **Kühn B**, del Monte F, Hajjar RJ, Arab S, Keating, MT. Myocardial Regeneration through Periostin-induced Cardiomyocyte Proliferation. Invited presentation at the Keystone Symposium “Molecular Pathways in Cardiac Development and Disease” (2007)
3. **Kühn B**, del Monte F, Hajjar RJ, Chang YS, Lebeche D, Arab S, Keating MT. Periostin-stimulated Cardiomyocyte Proliferation Promotes Myocardial Regeneration. NHLBI Symposium on Cardiovascular Regenerative Medicine (2007)