

**Riemer, Jan**

### General Information

Name: Riemer, Jan  
Academic title: Jun.Prof. Dr. sc. (ETH)  
  
Gender: Male  
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Department of Biology  
University of Kaiserslautern  
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Current position/status: Juniorprofessor (W1)



### Academic Education and Qualifications

1997-2003 Studies in Biochemistry at the University of Tübingen, the University of Michigan (USA), and the Monash University (Australia)  
2003-2007 Ph.D. (Dr. sc. (ETH)) at the ETH Zurich (Switzerland) and the University of Copenhagen (Denmark)  
2007-2008 Postdoctoral fellow at the University of Copenhagen (Denmark)

### Professional Career

2008-2012 Group leader at the institute for Cell Biology, University of Kaiserslautern  
since 2012 Juniorprofessor for Cellular Biochemistry

### Professional Awards

2010-2012 EMBO Long Term Fellowship  
2004-2006 PhD Fellowship of the Boehringer Ingelheim Fonds (B.I.F.)  
2000-2001 Travel scholarship of the German National Academic Foundation (Studienstiftung des Deutschen Volkes) for the stay in the USA  
1998-2003 Scholarship from the German National Academic Foundation

### Publications (5 most important original publications, H-index 15)

1. Suzuki Y, Ali M, Fischer M, **Riemer J (2013)**  
Human copper chaperone for superoxide dismutase 1 mediates its own oxidation-dependent import into mitochondria  
**Nature Communications** 4, 2430, doi: 10.1038/ncomms3430
2. Fischer M, Horn S, Belkacemi A, Kojer K, Petrunaro C, Habich M, Ali M, Küttner V, Bien M, Kauff F, Dengjel J, Herrmann JM, **Riemer J (2013)**  
Protein import and oxidative folding in the mitochondrial intermembrane space of intact mammalian cells  
**Mol Biol Cell** 24(14), 2160-2170

3. Kojer K, Bien M, Gangel H, Morgan B, Dick TP, **Riemer J (2012)**  
Redox dynamics of glutathione in the mitochondrial intermembrane space impact the Mia40 redox state  
**EMBO J 31(14)**, 3169-82
4. Klöppel C, Suzuki S, Kojer K, Petrunaro C, Longen S, Fiedler S, Keller S, **Riemer J (2011)**  
Mia40-dependent oxidation of cysteines in Domain I of Ccs1 controls its distribution between mitochondria and the cytosol  
**Mol Biol Cell 22(20)**, 3749-57
5. Bien M, Longen S, Mesecke N, Chwalla I, Herrmann JM#, **Riemer J (2010)**  
Mitochondrial disulfide oxidation is driven by intersubunit disulfide transfer in Erv1 and proof read by glutathione  
**Mol Cell 37(4)**, 516-528