

Curriculum Vitae

Jacoba Martina Mouton

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Personal Information

<i>Home Language</i>	Afrikaans
<i>Language Abilities</i>	English- Excellent Afrikaans- Excellent German - Conversational

Employment History

Institution **Department of Biomedical Sciences, Stellenbosch University, Tygerberg**
Period of Employment Feb 2014 to present
Position Post-doctoral Research Fellow

Institution **Department of Biomedical Sciences, Stellenbosch University, Tygerberg**
Period of Employment Sep 2009 to Jan 2014
Position Laboratory Manager
Duties

- General laboratory management
- Placing orders
- Upkeep of equipment and safety procedures
- Performing laboratory experiments as research assistant

Institution **Department of Genetics, Stellenbosch University, Stellenbosch**
Period of Employment Jan 2007 – Dec 2009
Position Student Mentor
Duties

- Assisting students during genetics practical sessions
- Marking tests and exam papers

Tertiary Education

Institution **Stellenbosch University, Department of Biomedical Sciences**
Qualification PhD (Human Genetics)
Date Jan 2011 – Dec 2013

Institution **Stellenbosch University, Department of Genetics**
Qualification MSc (Molecular Genetics)
Date Jan 2008 – Dec 2009

Institution **Stellenbosch University, Department of Genetics**
Qualification Honnours (Molecular Genetics)
Date Jan 2007 – Dec 2007

Institution **Stellenbosch University**
Qualification BSc Human Life Sciences
Date Jan 2004 – Dec 2006

Additional training

Course **Confocal Microscopy Workshop**
Date 29/09/2011
Institution Department of Biology, University of Cape Town

Course **Protein Interactions and Networks**
Date 11/12/2011 – 17/12/2011
Institution Wellcome Trust Advanced Course, Genome Campus, Hinxton, Cambridge, UK

Course **Workshop in Scientific Writing Skills for Academic Articles**
Date 28/08/2012 – 29/08/2012
Institution Language Centre, Stellenbosch University

Course **Fluorescence Live Cell Imaging Microscopy Course**
Date 29/10/2009 – 30/10/2009
Institution Central Analytical Facility, Stellenbosch University

Research Outputs

Published Conference Proceedings

JM Mouton, JC Moolman-Smook and CJ Kinnear. The role of novel protein-protein interactions in the function and mechanism of the sarcomeric protein, myosin binding protein H (MyBPH). SAHeart, Summer 2013, 10(1): 397

JM Mouton, JC Moolman-Smook and CJ Kinnear. The role of novel protein-protein interactions in the function and mechanism of the sarcomeric protein, myosin binding protein H (MyBPH). SAHeart, Winter 2012, 9(3): 187

A Neethling, JM Mouton and C Kinnear. Assessing the effect of a hypertrophic cardiomyopathy causing mutation in cardiac Troponin I on the binding affinity of two known interactors of cardiac Troponin I. SAHeart Winter 2012, 9(3): 188

C Todd, JM Mouton, JC Moolman-Smook and CJ Kinnear. Novel sarcomeric hypertrophy modifier proteins that interact with titin in hypertrophic cardiomyopathy. SAHeart Winter 2012, 9(3):194

JM Mouton, AS Pellizzon, A Goosen, CJ Kinnear, PA Brink, JC Moolman-Smook. The identification of a novel *TNNI3* gene mutation in South African patients with hypertrophic cardiomyopathy. SA Heart 2011, 8(4): 247

Published Articles

Uys GM, Ramburan A, Loos B, Kinnear CJ, Korkie LJ, Mouton J, Riedemann J, Moolman-Smook JC. Myomegalin is a novel A-kinase anchoring protein involved in the phosphorylation of cardiac myosin binding protein C. (BMC Cell Biol 2011. 10;12:18)

Submitted Articles

Mouton JM, Loos B, H Moolman-Smook, C Kinnear. Ascribing novel functions to the sarcomeric protein, myosin binding protein H (MyBPH) in cardiac sarcomere contraction. (*Manuscript submitted to Basic Research in Cardiology, April 2014*).

Mouton JM, van der Merwe L, H Moolman-Smook, C Kinnear. Could genetic variation in the myosin binding protein H gene modify the extent of left ventricular hypertrophy in hypertrophic cardiomyopathy? Novel insights from a family-based genetic association analysis. (*Manuscript submitted to Circulation: Cardiovascular genetics, Jan 2014*)

Awards

Harry Crossley project funding	2011 – 2013
EMBO/EMBL travel bursary	Jun 2013
Best oral presentation at 55 th Annual Health Sciences Academic Year Day, Stellenbosch University, South Africa	Aug 2011
Wellcome Trust travel bursary	Dec 2011
Rector's award for general performance	Nov 2011

References

Prof L Warnich

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Stellenbosch University
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Dr C Kinnear

Senior Scientist
DST/NRF Centre of Excellence in Biomedical Tuberculosis Research
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Prof P van Helden

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Prof S Sampson

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