

CURRICULUM VITAE

OF

CHARLOTTE L SCHOLTZ

PERSONAL DETAILS

Surname: Scholtz
 Name: Charlotte L
 Date of birth: 03 May 1974
 Marital status: Single
 Home Address: 93 Northway Street
 Ravensmead
 7493
 Home Phone Nr: 021 931 5491
 Company Name: Genecare Molecular Genetics (Pty) Ltd
 Address: Christiaan Barnard Annexe
 162 Longmarket Street
 Cape Town 8000
 Phone: 021 422 5538
 Cell: 0822213443
 Fax: 021 422 5539
 E-mail: cs@genecare.co.za

QUALIFICATIONS

1991: St X - Florida Senior Secondary School
 1994: BSc - University of Stellenbosch
 1995: BSc Hons (Genetics) – Universtiy of Stellenbosch
 1998: MSc (Medical Sciences) *cum laude* – University of Stellenbosch
 2001: PhD – University of Stellenbosch

AWARDS

- 1997 Received a personal bursary from the South African MRC to the value of R11 000.00 for my MSc study
 Received a UNESCO/TWAS fellowship to visit Stanford University to the value of US\$ 4 000.00
 Received a R10 000.00 grant from the FRD and R4000.00 from the University of Stellenbosch to supplement my overseas trip.
- 1998 Received a personal bursary from the SA MRC to the value of R10 000.00 towards my MSc study
- 1999 Received a personal bursary from the Claude Harris Leon Foundation to the value of R45 000.00 per year for a period of three years for my doctoral study
 Received a Harry Crossley bursary to the value of R8000.00, as well as a Barry Whitehead bursary to the value of R7 000.00
 Received a Wood-Whelan fellowship, a MRC travel grant and R6 000.00 from the University of Stellenbosch to visit University College London (UCL), Sylvius Laboratories in Leiden and the Pasteur Institute in Lille, France.
- 2000 Received financial assistance for my PhD project to the value of R5 000.00 from the Harry and Dorris Crossley Foundation
- 2001 Received financial assistance for my PhD project to the value of R8 000.00 from the Harry and Dorris Crossley Foundation

WORKING EXPERIENCE:

Year : 1996
 Position : Research Assistant in the Human Genetics Division
 Institution : University of Stellenbosch
 Year : 2002-2005
 Position : Marketing / Client Relations Manager
 Company : Genecare Molecular Genetics (Pty) Ltd
 Year : 2005-currently
 Position : Professional Development Manager
 Company : Genecare Molecular Genetics (Pty) Ltd

FIELDS OF TRAINING EXPERIENCE:

During my university education and employment I have acquired experience in the following molecular biology techniques:

Genomic DNA extraction from whole blood, PCR amplification of genomic DNA, mutation analysis (SSCP, heteroduplex and sequencing), cloning, transformation of plasmids into competent cells, isolation of plasmid DNA using extraction kits, *in vitro* transfection studies

In 2005 I became the registered Skills Development Facilitator for Genecare Molecular Genetics (Pty) Ltd in the Health & Welfare SETA (HWSETA) and am responsible for skills development at Genecare. Since I started at Genecare I have presented at more than 50 CPD events including training workshops and CME.

In 2005 / 2006 I was enrolled in the Hellfire Internship program hosted by Acorn Technologies. This programme consisted of numerous aspects including a soft skills program presented by Learn-to-Lead which included presentation skills, conflict management skills, unlocking your human potential, etc. In addition it also hosted a Management Advanced Program offered by Wits Business School where the focus was on New Venture Creation, Business Strategy, Marketing, Project Management, Economics, Finance and Human Resources.

OFFICIAL INVITATIONS

- 1998 Invited to attend the RASIT-UNESCO Symposium for University students
- 1999 Invited by Prof. Steve Humphries from the University College London (UCL) to learn gelshift and footprinting assays

THESES

1. Scholtz CL. Genetic risk factors in cardiovascular disease in the South African population. MMedSci thesis 1998; University of Stellenbosch
2. Scholtz CL. Molecular investigation into regulatory mechanisms of genes involved in lipoprotein metabolism. PhD dissertation 2001; University of Stellenbosch

INVITED ORAL PRESENTATIONS

1. Centre for Cardiovascular Genetics, Department of Medicine, University College London (Prof Steve Humphries). 26 April 1999

2. Department of Human Genetics, Leiden University Medical Center, Netherlands (Dr. Marten Hofker). 20 May 1999
Identification of three sequence variants in the LDLR gene promoter region in a family with familial hypercholesterolaemia: *in vivo* and *in vitro* results

PUBLICATIONS

Approximately 17 peer-reviewed articles and more than 40 national and more than 5 international scientific conference contributions