

PUBLICATIONS

Shankaranarayanan P, **Sutherland M**, Schewe T and Nigam S. 2001. Novel aspects related to biosynthesis and biological functions of hepoxilins. Interrelationship with phospholipid hydroperoxide glutathione peroxidase (PHGPx). *Adv Prostaglandin Thromboxane Leukot Res*. In Press.

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Sutherland M, Schewe T and Nigam S. 2000. Biological actions of the free acid of hepoxilin A₃ on human neutrophils. *Biochem. Pharmacol* 59(4):435-440.

Reynaud D, Demin PM, **Sutherland M**, Nigam S and Pace-Asciak CR. 1999. Hepoxilin signaling in intact human neutrophils: Biphasic elevation of intracellular calcium by unesterified hepoxilin A₃. *FEBS Lett* 446:236-238.

Nigam S, Sravan Kumar G, **Sutherland M**, Ikawa H, Yamasaki Y, Weitzel HK, Ueda N, Yamamoto S and Schewe T. 1999. Metabolic suppression of platelet-type 12-lipoxygenase in human uterine cervix with invasive carcinoma. *Int. J. Cancer* 82(6):827-831.

Chaitidis P, Schewe T, **Sutherland M**, Kühn H and Nigam S. 1998. 15-Lipoxygenation of phospholipids may precede the sn-2 cleavage of phospholipases A₂: Reaction specificities of secretory and cytosolic phospholipases A₂ towards 15-lipoxygenated and non-lipoxygenated arachidonyl phospholipids. *FEBS Lett* 434:437-441.

M. Sutherland, H. J. J. van Vuuren and M. M. Howe. 1994. Cloning, sequence and *in vitro* transcription/translation analysis of a 3.2-kb *EcoRI/HindIII* fragment of *Leuconostoc oenos* bacteriophage L10. *GENE* 148:125-129.

M. Sutherland. 1993. Cloning, sequence and *in vitro* transcription/translation analysis of a 3.2-kb *EcoRI/HindIII* fragment of *Leuconostoc oenos* bacteriophage L10. M. Sc Thesis, University of Stellenbosch, Stellenbosch, South Africa

POSTERS

Nigam S, Sravan Kumar G, **Sutherland M**, Schewe T, Ikawa H, Yamasaki Y, Ueda N and Yamamoto S. Suppression of platelet-type 12-lipoxygenase in uterine cervix of patients with invasive carcinoma. Sixth International Conference on Eicosanoids and other Bioactive Lipids in Cancer, Inflammation and Related Diseases. BOSTON, Mass. September 12-15, 1999.

Strunck C, **Sutherland M**, Schewe T and Nigam S. Studies on the liberation of arachidonic acid and leukotriene B₄ synthesis in fMLP-challenged human neutrophils: interaction between cytosolic phospholipase A₂ and phospholipase D. First International Conference on Phospholipase A₂. BERLIN, May 26-29, 1999 (Organising Committee).

Strunck C, **Sutherland M**, Schewe T and Nigam S. Studies on the liberation of arachidonic acid and leukotriene B₄ synthesis in fMLP-challenged human neutrophils: interaction between cytosolic phospholipase A₂ and phospholipase D. Sixth International Conference on Eicosanoids and other Bioactive Lipids in Cancer, Inflammation and Related Diseases. BOSTON, Mass. September 12-15, 1999.

Sravan Kumar G, Linke D, **Sutherland M**, Xin-Chun X and Nigam S. The role of 12-lipoxygenase in preinvasive and invasive cervix carcinoma. International Conference on Lipoxygenases and their Products: Biological Functions. MALTA, May 21-24, 1997.

Nigam S, Sravan Kumar G, Pace-Asciak CR, **Sutherland M**, Linke D and Schewe T. Dual role of hepoxilin A₃-Me in tumour growth and apoptosis. Fifth International Conference on Eicosanoids and other Bioactive Lipids in Cancer, Inflammation and Related Diseases. LA JOLLA, California, September 17-20, 1997.

CURRICULUM VITAE

Personal Data

Name: Mark Sutherland
 Date of Birth: 20. 11. 1966
 Place of Birth: East London
 Marital Status: Single
 Nationality: South African

Educational Qualifications

School Education

1973 - 1979 Junior School in Cape Town
 1980 - 1984 High School in Cape Town, matriculated with University exemption

University Education

1985 - 1988 B. Sc (Microbiology) from the University of Cape Town
 1989 B. Sc (Honours, Microbiology), University of Stellenbosch
 1990 - 1993 M. Sc (Microbiology), University of Stellenbosch

Courses Attended

1990 Basic Courses in Radioactive Safety and Gene-technology Safety
 06-08/1996 International Course in Food Biotechnology, Rehovot, Isreal

Employment History

Since 10/2000 Scientific researcher in the Institute of Clinical Chemistry and Pathobiochemistry at the Universitätsklinikum Benjamin Franklin
 05/1997 - 10/2000 Ph. D (rer. medic.) at the Freie Universität Berlin (Dr. S. Nigam): *Role of Phospholipid Hydroperoxide Glutathione Peroxidase in Hepoxilin A₃ Biosynthesis in Human Platelets and Biological Actions of Hepoxilin A₃ on Human Neutrophils*
 1995 - 04/1997 Lecturer in Biochemistry and Microbiology at the University of Fort Hare, South Africa
 1994 Mathematics and Science teacher at Queens College, South Africa
 06/1991 - 1993 Part-time research assistant to Prof. H. J. J. van Vuuren (University of Stellenbosch, South Africa)