

Scott D. Doughman, Ph.D.

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SUMMARY OF QUALIFICATIONS

Lipid Biochemist, Nutritional Metabolism Researcher, Omega-3 Fatty Acid Lipidologist

CONTINUING EDUCATION AND SYMPOSIA

- ◆ First Global Organization for DHA and EPA (GOED) Exchange, Salt Lake City Utah, 2011.
- ◆ Council for Entrepreneurial Development (CED) and FastTrac® TechVenture™, RTP, North Carolina.
- ◆ Phase I Express Training Symposium presented by CRO Azopharma™, Morrisville, North Carolina.
- ◆ First Annual Symposia on Omega-3 Fatty Acids, Center for Botanical Lipids, Winston-Salem NC.

EDUCATION AND EXPERIENCE

University of North Carolina, Chapel Hill

Postdoc Training, Cell Biology, nutritional biochemistry, School of Public Health, 2004-2007

Awarded NIH Nutritional Biochemistry and Cancer Training Grant

- Experienced writer and speaker.
- Established independent findings and intellectual rights.

University of Wisconsin, Madison

Ph.D., Cellular and Molecular Biology, Department of Biochemistry 2000-2004

Awarded American Heart Association Fellowship

- Broad protein and lipid biochemistry experience.
- Trained 7 students in biochemistry.

Research Associate, Department of Pharmacology 1997-1999

- Managed FPLC and lipid kinase projects.
- Specialist in written and graphic design media.

Research Assistant, Veterinary Sciences 1996-1997

- Operator of GC/Mass Spec and HPLC for lipid toxicology studies.

University of Wisconsin, Madison

B.S. Honors, Biochemistry and Molecular Biology 1991-1996

Chancellor's Academic Excellence Award for Research (\$1000)

LEADERSHIP

- ◆ Founder and CEO, Source-Omega LLC, Chapel Hill NC, 2007
- ◆ Visiting Faculty in Molecular Biology, Sai Institute for Higher Learning, Prasanthi Nilayam India.

Selected Publications

Visiting Faculty SSSIHL

In Submission, International Journal Diabetes in Developing Countries, Indian Journal, 2011.

S.D. Doughman, S. Krupanidhi, C.B. Sanjeevi and V. Mohan. Optimized Dosage of DHA from Microalgae Oil Improves Postprandial Hypertriglyceridemia and a Low Omega-3 Index.

On NCBI Pubmed:

Doughman SD and Krupanidhi S. Omega-3 Fatty Acids for Nutrition and Medicine: Considering Microalgae as Vegetarian Sources of EPA and DHA-rich Oils. *Curr. Diabetes Reviews*, 2007, 3, 198-203.

Krupanidhi S, Madhukar SS, **Doughman SD**. In Silico Tools in Evaluating the Conservation Homology Among Interleukins. *Online Journal of Bioinformatics*. 2007 Vol. 8 (1):1-6.

Krupanidhi S, Gupta VS, **Doughman SD**. PCR Amplification of a Few Gene Targets from Human Genomic DNA. *Ind. J. Comparative Animal Physiology*. 2004 22:14-17.

Postdoctoral Publications

Hammond LE, Albright CD, He L, Rusyn I, Watkins SM, **Doughman SD**, Lemasters JJ, Coleman RA. Increased oxidative stress is associated with balanced increases in hepatocyte apoptosis and proliferation in glycerol-3-phosphate acyltransferase-1 deficient mice. *Exp Mol Pathol*. 2007 Apr;82(2):210-9

Li LO, Mashek DG, An J, **Doughman SD**, Newgard CB, Coleman RA. Overexpression of rat long chain acyl-CoA synthetase 1 alters fatty acid metabolism in rat primary hepatocytes. *J Biol Chem*. 2006;281(48):37246-55.