

Short Curriculum Vitae of Faruk Nome

Position Professor of Chemistry
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Training

1984 Postdoctoral experience in Clarkson University, USA
1974 - 1976 Ph.D., Texas A&M University
1964 - 1971 B. Sc in Biochemistry, Universidad de Chile, Chile

Research Interests

Catalysis and Mechanisms of Organic Reactions in Solution: Development of organic catalysts for hydrolysis of amides and carboxylic, sulphuric and phosphoric esters. We seek to develop catalysts for the hydrolysis of nucleic acids, amides and esters of biological interest and, to contribute to the understanding of enzymatic catalysis and organic reactions in solution.

Effect of colloidal aggregates and artificial enzymes on organic reactions in solution: The effect of dendrimers, functional polymers and of anionic, cationic, neutral and zwitterionic micelles is also investigated, analyzing rate and equilibrium of organic reactions. Stabilization of nanoparticles of metals (Pd, Pt, Au, Rh, Id etc) and application to organic reactions is a major part of our research.

Awards and Distinctions

2011 Section Editor of Current Opinions in Colloid and Interface Science (Elsevier)
2009 Member of the Third World Academy of Science, TWAS
2003 Member of the Council of Science and Technology in the State of Santa Catarina
2002 Comendador of the National Order of Scientific Merit, Awarded by Brazil President Office
2002 Mérito Universitário, Universidade Federal de Santa Catarina
2001 Medal CAPES 50 Years, CAPES, Brazil
2001 Member of the Brazilian Academy of Science
2000 Award for contributions to development of Chemical Technology in Santa Catarina, XIII CRQ
1996 Vice-President for Undergraduate Studies of the Universidade Federal de Santa Catarina
1977 Award from TEXAS A&M UNIVERSITY to the best student at the PhD level granted by the GRADUATE COLLEGE AND ASSOCIATION OF FORMER STUDENTS

Advisor of 45 MSc Students, 25 Ph D Students and 25 Pos-Doctor researcher

Publications: about 200 publications in book chapters and international journals and 200 presentations in Chemistry Meetings in Brazil and other countries.