

Theodoros Karayannis – CV

Education

1984 - 1988: Ph.D. Organic Chemistry, University of Ioannina

1986 -1987: M.Sc. Chemistry, Polytechnic of Loraine

1979 - 1984: B.Sc. Chemistry, University of Ioannina

Work Experience

2004 - present: Independent Project Consultant in the fields of SME development, quality control and education

1998 - 2004: EU projects Manager in Secondary Education, Office of Technical Professional Education, Magnesia Prefecture

1998 - 1999: External Assistant Professor in the University of Thessaly, Department of Mechanical Engineering and Department of Medicine on Quality Control and Chemistry.

1992 - 1998: Director of Industrial sector in "SYMA consultants Ltd"

1991 - 1998: Full Professor of Greek Technological Foundation, Larissa; Department of Technological and Application Chemistry

1989 - 1990: Supervisor of production and research at "NEOGAL"

Further Professional Activities

1984 - present: Member of the Greek Chemical Association

1997 - 2001: National Evaluator in the Ministry of Economic Development on public and private investments on Tourism and SME. (Min. Dec. 86812/pp2666, 13/11/1997)

2001 - 2002 : National Evaluator in the Ministry of Education on Chemistry and youth educational approaches with multimedia (Min. Dec. G2/4007, 5/7/2001.)

2002 - 2007 : National Evaluator of Ministry of Growth in the Region Thessaly on investments SME, certification of quality at ISO 9000/2000, HACCP, action of Training and Tourism. (Min.Dec. 7798/368, 23/4/2002)

2003 - 2014: Evaluator of European Commission, XXII General Division of Education and Culture, European Program Leonardo Da Vinci. (Min. Dec. DG EAC/B2 D (2003) 3159, 17/02/2003)

Grants & Scholarships

1992 - 1993: EU project PETRA, Training period aboard on «Hotel Industry» Institute für Wirtschaft - Bildung, Radolfzell, Germany 1992.

1987: Commission des Communautés Europeennes, Direction General, Science, Recherche et Development, Direction A ``Action de Stimulation'' (Bruxelles 1986)

Language Skills

Greek: Native Proficiency

English: Professional Proficiency

French: Working Knowledge

Selected Publications

“¹⁷O-NMR Studies in Peptide Hormones, Application to the Conformational Analysis of Enkephalins” I.P. Gerothanassis, T.L. Karayannis, G. Kouniniotis, M. Sakarellos-Daitsiotis and C. Sakarellos. *Chimika Chromika, New Series, Special Edition, Vol. A, 50-54 (1985).*

“Nitrogen-14 Nuclear Magnetic Resonance of Amino-terminal Group of Leu-enkephalin in Aqueous Solution” I.P. Gerothanassis, T.L. Karayannis, M. Sakarellos-Daitsiotis, C. Sakarellos and M. Marraud, *J. Magn. Reson.* 75, 513-516 (1987).

“Multiple-Quantum ¹H-¹⁵N Chemical Shift Correlation Spectroscopy of the Peptide Hormone Leu-enkephalin in solution” I.P. Gerothanassis, M. Bourdonneau, T.L. Karayannis, M. Sakarellos-Daitsiotis and C. Sakarellos, *J. Magn. Reson.* 80, 309-313 (1988).

“¹⁷O-NMR Studies of the Conformational and Dynamic Properties of Enkephalins in Aqueous and Organic Solutions Using Selectively Labelled Analogues” C. Sakarellos, I.P. Gerothanassis, N. Birlirakis, T.L. Karayannis, M. Sakarellos-Daitsiotis and M. Marraud, *1st Naples Workshop on Bioactive Peptides, Biopolymers, Vol. 28, 15-26 (1989).*

“¹⁷O and ¹⁴N NMR Studies of Leu-Enkephalin and Enkephalin Related Fragments in Aqueous Solution” T.L. Karayannis, I.P. Gerothanassis, M. Sakarellos-Daitsiotis and C. Sakarellos, *Biopolymers, Vol. 29, 423-439 (1990).*

"Simple Biotechnology Applications" pp. 1-58, vol.2, Implementation of "MOP - SPA" in EL.KE.PA, Volos, (1991)

“¹⁷O-NMR and FTIR Study of the Ionization State of Peptides in Aprotic Solvents. Application to Leu-Enkephalin” I.P. Gerothanassis, N. Birlirakis, T.L. Karayannis, V. Tsikaris, M. Sakarellos-Daitsiotis, C. Sakarellos, B. Vitoux and Michel Marraud. *FEBS Letters* 298, 188 - 190 (1992)

“Hydration of the Gly2 and Gly3 Peptide Oxygens of Leu5- Enkephalin in Aqueous Solution as Revealed by the Combined Use of ¹⁷O-NMR and FTIR” I.P. Gerothanassis, N. Birlirakis, T.L. Karayannis, M. Sakarellos -Daitsiotis, C. Sakarellos, B. Vitoux and M. Marraud. *Eur. J. Biochem.*, 210, 693 - 698 (1992)

"Engineering - Strength of Materials" pp. 1-137, Volos, 10/1994. IEK (OOEK), Volos (1994)

"Mechanical Applications" pp. 1-49, Volos, 4/1995. IEK (OOEK), Volos (1995)

Books entitled: "TECHNOLOGY OF ELECTRICAL MATERIALS" Volume A: THEORY p.1-181, Volume B: LABORATORY EXERCISES p. 1- 180, GTTTE / STEF / TECHNOLOGICAL INSTITUTE OF LARISSA, (1997)

University OF Thessaly : "QUALITY CONTROL" for the educational needs of the Department of Industrial Engineering of the University of Thessaly, pp. 1- 125, 5/1999