Dr. Theodore G. Sotiroudis
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Theodore Sotiroudis was born in Athens in 1946. He graduated from the Department of Chemistry, University of Athens, Greece in 1970. From 1972 to 1976 he was a postgraduate scholar of the National Hellenic Research Foundation (NHRF) and he obtained a Ph.D. in Chemistry at the University of Athens in 1977. From 1977 -2013 he has been researcher of NHRF, and from 1995-2013 Director of Research at the Institute of Biological Research and Biotechnology (IBRB) of NHRF (presently Institute of Chemical Biology). He was group leader of the "Enzymology Programme" and head of the the Industrial Enzymology Unit of IBRB. He was a member of the Scientific Council of IBRB and the Administrative Council of NHRF. During 2003-2004 he has been Acting Director of IBRB.

During 1982 and 1985 he worked as a postdoctoral scientist, holder of EMBO fellowships, at the University of Dundee, Scotland and at the University of Bochum, Germany respectively on protein phosphorylation. From 1986 to 1987 and from 1990 to 1991 he worked as an invited Visitor Scientist at W.Alton Jones Cell Science Center Inc., Lake Placid, New York, on protein microcharacterization and molecular biology research projects. He also collaborated for many years with Prof. Gordon Sato, member of the Academy of Sciences of USA and Director of W.Alton Jones Cell Science Center Inc., on the "Manzanar Project", a humanitarian effort for the **a**lleviation of poverty, hunger, environmental pollution, and global warming through sea water aquaculture in deserts.

He has more than 40 years of research experience in protein chemistry and enzymology and more than 100 publications in international journals. He has been invited to give lectures at many International and Greek Conferences and was member of the Organizing Committees of International and Greek Congresses. He participated and coordinated various national and international research projects. He was a member of various International and Greek Scientific Societies. He was a reviewer in international scientific journals and reviewer of national and European research proposals. He was honoured with the 2006 Archer Daniels Midland/ Protein and Co-products Division Best Paper Award in the chemistry/nutrition category of the American Oil Chemists' Society.

He has supervised 11 PhD theses and 15 Diploma/MSc theses.

From 2003-2021 he participates as a teacher in the Interdepartmental Postgraduate Program in "Clinical Chemistry-Molecular Diagnostics. University of Athens, (http://kb-md.biol.uoa.gr/).

Recent research interests are focused on biochemical actions of enzymes, antioxidants, lipids and polysaccharides in plant and food systems as well as on microalgae production aiming on the development of functional foods, nutraceuticals and cosmetics. He is recently participating in two national and one international research projects aiming in the exploitation of various biomolecules of the microalga *spirulina* (*arthrospira platensis*).

Publications after 2013 (year of retirement)

1. Markou, G., Iconomou, D., **Sotiroudis T**., Israilides, C. and Muylaert, K. 2015. Exploration of using stripped ammonia and ash from poultry litter for the cultivation of the cyanobacterium Arthrospira platensis and the green microalga Chlorella vulgaris*. Bioresour. Technol.*196, 459-468.
2. Minic, S.L., Milcic, M., Stanic-Vucinic, D., Radibratovic, M., **Sotiroudis, T.G**., Nikolic, M.R. and Cirkovic Velickovic, T. 2015. Phycocyanobilin, a bioactive tetrapyrrolic compound of blue-green alga Spirulina, binds with high affinity and competes with bilirubin for binding on human serum albumin. *RSC Adv.* 5, 61787-61798
3. Savvidou, M.G., Theodore G. **Sotiroudis, T.G.** and Kolisis, F.N. 2016. Cell surface and cellular debris-associated heat-stable lipolytic enzyme activities of the marine alga *Nannochloropsis oceanica*. *Biocatal.Biotrans*. 34, 24-32.
4. Khemakhem, M., Papadimitriou, V., Sotiroudis, G., Zoumpoulakis P., Arbez- Gindre, C., Bouzouita, N. and Sotioudis, T.G. 2016. Melanin and humic acid-like polymer complex from olive mill waste waters. Part I. Isolation and characterization. Food Chem. 203, 540-547.
5. Khemakhem, M., Sotiroudis, G., Mitsou, E., Avramiotis, S., ., Bouzouita, N. and Papadimitriou, V. 2016, Melanin and humic acid-like polymer complex from olive mill waste waters. Part II. Surfactant properties and encapsulation in W/O microemulsions. J. Mol.Liq. 222, 480-486.
6. Savvidou, M.G., Lymperopoulou, T.V., Mamma, D., Balta-Brouma, K.P., **Sotiroudis, T.G.**, Kekos, D. and Kolisis, F.N. 2017, A study on the combined effects of carbon and nitrogen source on high added value products synthesis by *Nannochloropsis oceanica* CCMP1779 using response surface methodology.Biocat.Agric.Biotechnol. 10, 298-307.
7. Koukouraki, P., Tsoupras A., Sotiroudis, G., Demopoulos, C.A., and **Sotiroudis, T.G.** 2020, Antithrombotic properties of Spirulina extracts against platelet-activating factor and thrombin. Food Biosci. 37, 100686.
8. Tsoupras, A., Pappas, K.M., **Sotiroudis, T.G.** and Demopoulos, C.A. 2021, One-step separation system of bio-functional lipid compounds from natural sources. Methods X, 8, 101380.
9. Gligorijevic, N., Minic, S., Milica Radibratovic, M., Papadimitriou, V, Nedic, O., **Sotiroudis, T.G**., and Milan R. Nikolic, M.R. 2021, Nutraceutical phycocyanobilin binding to catalase protects the pigment from oxidation without affecting catalytic activity. Spectrochim Acta A. 251, 119583.