

THEODORE FOTSIS**1. EDUCATION**

- 01.09.68 - 31.10.1974** Studies at the Medical School of the University of Athens. Graduation with a "Very Good" grade.
- 18.01.1988** Obtaining the specialty of Clinical Chemistry from the General Directorate of Medical Affairs of Finland.
- 30.08.1988** Obtaining the title of Doctor of Medicine from the University of Helsinki with the thesis "Metabolic profiling of estrogens by ion exchange chromatography and gas chromatography – mass spectrometry".

2 ACADEMIC AND PROFESSIONAL CAREER

- 30.04.1975** License to practice medicine in Greece.
- 20.06.1975 - 20.06.1976** Medical doctor in the rural clinic of Ano Korakiana, Corfu
- 16.10.1976 - 17.06.1977** Training physician at the Public Hospital of Infectious Diseases of Athens..
- 01.12.1977 - 15.09.1986** Postgraduate researcher and training physician at the Department of Clinical Chemistry, University Hospital, University of Helsinki, Finland..
- 13.10.1986 - 31.03.1987** Clinical work at the Medical Center of Pohjois Haaga, Helsinki.
- 01.04.1987 - 17.05.1987** Specialist physician at the Department of Clinical Chemistry, Helsinki University Hospital, replacing the absent holder of the position.
- 15.09.1987 - 27.06.1989** Researcher in the Department of Microbiology at the University of Galway, Ireland in the laboratory of Prof. Frank Gannon with a two-year scholarship from the Directorate of Biotechnology of the European Union.
- 28.06.1989 - 27.06.1999** Researcher in the field of Oncology and Hematology of the Pediatric Clinic of the University of Heidelberg, Laboratory of Angiogenesis.
- 28.06.1994 - 31.12.1995** Researcher of the German Cancer Research Center (DKFZ) in the Cytogenetics Laboratory.
- 07.11.1995 - 20.07.2001** Associate Professor at the Biological Chemistry Laboratory of the Medical School of the University of Ioannina.
- 20.07.2001 – 31.08.2019** Professor at the Biological Chemistry Laboratory of the Medical School of the University of Ioannina.
- 01.09.2001 - 31.03.2007** Director of the Biological Chemistry Laboratory of the Medical School of the University of Ioannina.
- 10.05.2004 - 16.4.2005** Deputy Director of FORTH/BRI
- 16.04.2005 - 17.12.2006** Acting Director of FORTH/BRI.
- 18.12.2006 - 29.02.2012** Director of FORTH/BRI.
- 01.03.2012 - 31.08.2019** Head of FORTH/IMBB-BR (BRI merged with IMBB)
- 13.10.2019** Announcement and award of the title "Distinguished member of FORTH"
- 19.12.2019** Award of the title of Emeritus Professor of the University of Ioannina

3. EDUCATIONAL WORK (at the University of Ioannina)**3.1 Teaching**

- 1995 – 2012** Teaching the Biochemistry II course to the undergraduate students of the Medical School of the University of Ioannina.
- 1995 - 2019** Practical training of Biochemistry I course for the undergraduate medical students of the University of Ioannina.
- 1998 – 2007** Head and teaching of the Molecular Genetics course of the Elective Study Program (PSE) "Biochemistry" of the University of Ioannina.
- 1999 - 2017** Head and teaching of the Molecular Oncology course of the Biotechnology Graduate Program of the Medical School of the University of Ioannina.
- 1999 – 2007** Internship for the students of the Biotechnology Graduate Program of the Medical School of the University of Ioannina.
- 2001 - 2007** Head of the Biochemistry I and II courses at the Medical School of the University of Ioannina.

2012 - 2019 Teaching the Biochemistry I course to the undergraduate students of the Medical School of the University of Ioannina

3.2 Organisation of educational programs

- Member of the editorial committee of the proposal for the financing of the Postgraduate Studies Program (MSP) in Biotechnology from the EPEAEK of the Ministry of Education (budget 260 million drachmas = 763.022 euros). Vice-Dean of PMS Biotechnology and member of the Coordinating Committee.
- Member of the editorial committee of the proposal for the financing of the Elective Study Program (EPS) "Biochemistry" by the EPEAEK of the Ministry of Education (budget 320 million drachmas = 939.105 euros). Dean of the PSE "Biochemistry" and member of the Study Committee.

4. ORGANISATIONAL-ADMINISTRATIVE WORK

- Principal investigator in a number of competitive research programs.
- Vice-dean of the "Biotechnology" Graduate Program of the University of Ioannina.
- Dean of the Biochemistry Elective Program (PSE) of the University of Ioannina.
- Director of the Laboratory of Biological Chemistry of the School of Medicine of the University of Ioannina.
- National representative in EMBO/EMBC and H2020 Health, demographic change and wellbeing
- Member of the National Research and Technology Council (ESET)
- Regular member of TES Biosciences
- Director of FORTH/BRI and Head of FORTH/IMBB-BR

5. SCHOLARSHIPS-AWARDS

- 31.10.1974 Recitation of the Hippocratic Oath as having the highest degree among the graduates during the swearing-in of the October term – IKY Scholarship due to performance in the courses.
- 31.10. 1995 Gerhard- Domagk-Preis Clinical and Experimental Oncology Research Award (Germany). The award was given for the paper "The endogenous oestrogen metabolite 2-methoxyestradiol inhibits angiogenesis and suppress tumor growth" which was published in Nature 368:237-239, 1994.
- 2004 - 2010 National Representative at EMBO/EMBC
- 2005 - 2007 Member of the National Council for Research and Technology (ESET)
- 2008 - 2010 National Representative in the EU FP7-Health
- 2010 - 2014 Regular Member of TES Biosciences
- 2014 - 2019 National Representative to the European Union Commission Horizon 2020 on the topic "Health, demographic change and well-being"

6. FUNDING (2008 - 2023)

EUROPEAN UNION	ACRONYM	TOTAL	BRI	Start	End
FP6	<i>EndoTrack</i>	10.864.508	1.045.758	01.02.2006	31.07.2010
FP7 (Marie Curie) PEOPLE	<i>EPIGBRCASTEM</i>	100.000	100.000	01.03.2012	29.02.2016
NSRF					
InterregV-A "Greece-Italy 2014-2020"	<i>Silver Wellbeing</i>	845.313	158.619	31.05.2018	30.05.2020
REGION of EPIRUS	<i>Microscopy unit</i>	800.000	800.000	15.06.2010	15.10.2010
NEW KNOWLEDGE	<i>ACL</i>	147.922	147.922	01.08.2011	31.05.2014
PRESEARCH-CREATE-INNOVATE	<i>PANTHER</i>	1.000.000	200.000	15.04.2021	14.10.2023
GSRT					
PENED	<i>03ΕΑ 645</i>	198.088	199.088	01.07.2007	30.06.2009
PENED	<i>03ΕΑ 688</i>	180.000	180.000	15.12.2015	14.12.2008
COOPERATION	<i>POM</i>	1.962.900	189.000	16.12.2010	15.03.2015
COOPERATION	<i>NoisePlus</i>	1.680.000	445.000	24.10.2012	31.10.2015
SUPPORT of POSTDOCTORAL RESEARCHERS	<i>BRUKBBMSC</i>	150.000	150.000	06.12.2011	05.12.2013
SUPPORT of POSTDOCTORAL RESEARCHERS	<i>ReVaResC</i>	150.000	150.000	14.06.2012	13.06.2015
KRHPIIS	<i>BIOSYS</i>	1.580.000	300.000	01.07.2013	31.12.2015
THALIS	<i>AdiSC</i>	599.400	599.400	01.06.2012	31.12.2015
THALIS	<i>StemCycle</i>	600.000	170.000	01.02.2012	30.05.2015
KRHPIIS II	<i>BITHP</i>	2.319.500	600.000	08.09.2017	07.09.2020
INFRASTRUCTURES	<i>BIOIMAGING</i>	4.000.000	204.500	31.10.2017	30.10.2020
OTHER					
GSRT/IKY/ZIEMENS	<i>Biology-Biophotonics</i>	1.580.000	120.000	01.01.2014	31.12.2016
FORTH SYNERRGY GRANT	<i>NEUROPHENE</i>	80.000	60.000		
		27.157.631	5.819.287		

7. RESEARCH WORK

My overall research work has been published in **102 original articles** in international peer-reviewed journals and **9 book publications**. Also, about **200 abstracts** of conference papers, many of which I was a speaker, have been published. The 102 original international publications have received 15,854 citations and the 9 articles in books 273 citations. Thus, the total research work has received **16,127 references** (Google Scholar). This means that on average each original publication is cited $15,854/102 = 155.4$ times. The h index is **53**.

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2. Järvenpää, P., Fotsis, T., and Adlercreutz, H. Ion exchange purification of estrogens. *J. Steroid Biochem.* 1979, 11: 1583-1588.
3. Fotsis, T., Järvenpää, P., and Adlercreutz, H. Purification of urine for quantification of the complete estrogen profile. *J. Steroid Biochem.* 1980, 12: 503-508.
4. Järvenpää, P., Kosunen, T., Fotsis, T., and Adlercreutz, H. In vitro metabolism of estrogens by isolated intestinal micro-organisms and by human fecal microflora. *J. Steroid Biochem.* 1980, 13: 345-349.
5. Fotsis, T., Järvenpää, P., and Adlercreutz, H.: Identification of 4-hydroxyestriol in pregnancy urine. *J. Clin. Endocrinol. Metab.* 1980, 51: 148-151.
6. Fotsis, T., Adlercreutz, H., Järvenpää, P., Setchell, K.D.R., Axelson, M., and Sjövall, J. Group separation of steroid conjugates by DEAE-Sephadex anion exchange chromatography. *J. Steroid Biochem.* 1981, 14: 457-463.
7. Heikkinen, R., Fotsis, T., and Adlercreutz, H. Reversed phase C18 cartridge for extraction of estrogens from urine and plasma. *Clin. Chem.* 1981, 27: 1186-1189.
8. Adlercreutz, H., Fotsis, T., Heikkinen, R., Dwyer, J.T., Goldin, B.R., Gorbach, S.L., Lawson, A.M., and Setchell, K.D.R. Diet and urinary excretion of lignans in female subjects. *Medical Biology* 1981, 59: 259-261.
9. Fotsis, T., Heikkinen, R., Adlercreutz, H., Axelson, M., and Setchell, K.D.R. Capillary gas chromatographic method for the analysis of lignans in human urine. *Clin. Chim. Acta* 1982, 121: 361-371.
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13. Antila, E., Fotsis, T., Wartiovaara, J., and Adlercreutz, H. Steroid metabolism in human teratocarcinoma cell line PA1. *J. Steroid Biochem.* 1983, 19: 1583-1590.
14. Bannwart, C., Fotsis, T., Heikkinen, R., and Adlercreutz, H. Identification of the isoflavonic phytoestrogen daidzein in human urine. *Clin. Chim. Acta* 1984, 136: 165-172.
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16. Bannwart, C., Adlercreutz, H., Fotsis, T., Wähälä, K., Hase, T., and Brunow, G. Identification of O-desmethylangolesin, a metabolite of daidzein, and of metairesinol, one likely plant precursor of the animal lignan enterolactone, in human urine. *Finn. Chem. Lett.* 1984, 45: 120-125.
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20. Adlercreutz, H., Fotsis, T., Bannwart, C., Wähälä, K., Mäkelä, T., Brunow, G., and Hase, T. Determination of urinary lignans and phytoestrogen metabolites, potential antiestrogens and anticarcinogens, in urine of women on various habitual diets. *J. Steroid Biochem.* 1986, 25: 791-797.
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27. Murphy, C., Fotsis, T., Pantzar, P., Adlercreutz, H., and Martin, F. Analysis of tamoxifen, N-desmethyltamoxifen and 4-hydroxytamoxifen levels in cytosol and KCl-nuclear extracts of breast tumours from tamoxifen treated patients by gas chromatography-mass spectrometry (GC-MS) using selected ion monitoring (SIM). *J. Steroid Biochem.* 1987, 28: 609-618.
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