

## **Short CV of Professor of Pharmacology Asterios S. Tsiftoglou ([tsif@pharm.auth.gr](mailto:tsif@pharm.auth.gr))**

### **Education/Professional jobs/Teaching :**

Asterios S. Tsiftoglou studied Pharmacy at Aristotle University of Thessaloniki (AUTH), Greece from 1967-1972 (Bachelor of Pharmacy) and then Pharmacology at Yale University of USA (M.Sci, M.Phil.) (1972-1975), Ph.D. (1979). He was trained in Molecular biology and Biotechnology of Hematopoiesis in the Cancer Research Center/Department of Biology at MIT as a fellow of the Harvard- MIT program and as Damon-Ranyon Cancer Research Fund scholar from 1978-1981. Upon his completion of postdoctoral research, he became junior faculty at Harvard Medical School/Beth Israel Hospital, Boston, where served as Assistant Professor of Medicine from 1981-1986. Then, he was elected as Associate Professor of Pharmacology at the Department of Pharmacy at AUTH and then Professor of Pharmacology in 1989. He served as Chairman of the Department of Pharmacy several times (total period 10 years) and established the laboratory of Pharmacology. He served as Professor of Pharmacology teaching the courses Pharmacology I and II, Toxicology and Biotechnology. On 2015, he became Emeritus Professor of Pharmacology continuing still to supervise graduate students and teaching in the graduate program Pharmacology and Therapeutics.

### **Research Interests:**

From early on, he carried out research work on the molecular basis of leukemic cell differentiation. He also worked with mesenchymal stem cells and investigated the vital role of protoporphyrin heme in cellular metabolism in proerythroid cells. Most recently, he is focused on developing novel agents for acute myeloid leukemia (AML) and innovative gene and cell based medicinal products for other malignancies.

### **Publications/citations:**

He has published more than 100 peer reviewed publications (according to Pubmed and Google scholar) and several chapters in books. Moreover, he edited two volumes of Molecular and Clinical Pharmacology, a text book of Toxicology, and supervised the publication of a text of Pharmaceutical Biotechnology. In addition, he published a book on Tumor Cell Growth and Differentiation by Springer Verlag. He has more than 2400 citations and more than 8000 reads in the scientific literature.

**Other positions:** He has served as a member of the scientific board of Hellenic Pasteur Institute, Member of National Regulatory Body and the Bioethics Committee of Minister of Development, Greek Secretariat of Science and Technology, Reviewer of grant proposals submitted to Greek authorities, European Commission, and grants submitted from Israel and Italy. He is still serving as Chairman of the Committee of Biologics of National Organization of Medicine (EOF) (B ESE). Finally, as an European Expert on Biologics and Cell and Gene Based Medicinal products he has been a core member of the CHMP/BWP and OF CAT in European Medicine agency, since 2005 and 2009, respectively.

**Grants/Awards:** He was awarded grants from Damon Ranyon Fund for Cancer Research, Harvard Medical School Milton Fund, American Cancer Society, NIH, European Commission

(BRIDGE, BAP, COST) and others from Greek Secretariat of Science and Technology (PENED, NEO EKVAN, ΕΠΕΤ ΙΙ, ΕΑΤΡΙΣ, STEMNET) and Ministry of Education (ΕΡΕΑΕΚ, ΗΡΑΚΛΕΙΤΟΣ).

**Other Activities:** He served as a reviewer in several International journals (PNAS, Biochemical Pharmacology, Journal of Cell Biochemistry, Oncogene, Oncology Research, Biodrugs and many others). At last but not least, he organized International Conferences and Panhellenic meetings focused on Pharmacology and Biotechnology and gave many lectures in International Meetings all over the world as an invited speaker.