



HELLENIC REPUBLIC  
National and Kapodistrian  
University of Athens  
School of Science

## Seminar Announcement

It is with great honor that we welcome **Professor F. Peter Guengerich** from the Department of Biochemistry at **Vanderbilt University School of Medicine**, Tennessee, to provide a lecture at the School of Science of the National and Kapodistrian University of Athens.



**Title: Mechanisms of cytochrome P450 catalysis of complex reactions, with a focus on steroid oxidations**

**Date:** May 17 2024

**Time:** 12:00 – 1:00 p.m.

**Venue:** Seminar Hall of Pharmacognosy & Chemistry of Natural Products, Department of Pharmacy, Panepistimiopolis Zographou

Prof. F. Peter Guengerich received his B.S. from the University of Illinois in 1970 and a Ph.D. (Biochemistry) from Vanderbilt University in 1973 (with Prof. H. P. Broquist). Following two years of postdoctoral training at the University of Michigan (with Prof. M. J. Coon), he joined the faculty at Vanderbilt as Assistant Professor of Biochemistry. He became (full) Professor in 1983 and was Director of the Vanderbilt Center in Molecular Toxicology from 1980-2011. Prof. Guengerich is an enzymologist and his interests have been in the **characterization of cytochrome P450 enzymes and the metabolism and bioactivation of drugs and toxic chemicals**. He has published **768 refereed papers**, 324 invited reviews, and 138 published proceedings and is **one of the most highly cited authors in the fields of biochemistry** (13<sup>th</sup>) and **toxicology** (26<sup>th</sup>) (2022). Prof. Guengerich is a Fellow of the American Chemical Society, the American Society for Biochemistry and Molecular Biology, and the American Society for Pharmacology and Experimental Therapeutics and has received major awards from these and other scientific societies, including the ISSX North American Region Scientific Achievement Award (2003) and R. T. Williams Distinguished Scientific Achievement Award (2010). Prof. Guengerich served as an Associate Editor, Deputy Editor, and Interim Editor-in-Chief of *The Journal of Biological Chemistry* from 2006-2022 and has also served as an Associate Editor of *Toxicology and Applied Pharmacology*, *Molecular Pharmacology*, *Cancer Research*, and *Chemical Research in Toxicology*. He has directed the training of 22 graduate students and 141 postdoctoral fellows. In 2000 he received the first **Vanderbilt School of Medicine Medal** given for Mentoring Postdoctoral Fellows or Residents in the Research Setting, and subsequently this award was named for him.

Thank you very much for attending,

Nikos Thomaidis

Prof. of Analytical Chemistry