

## CURRICULUM VITAE 2022

Gerry Rassias

### PROFESSIONAL EXPERIENCE

- 2022- present: Associate Professor, Department of Chemistry, University of Patras, Greece.
- 2012- 2022: Assistant Professor, Department of Chemistry, University of Patras, Greece.
- 2003-2012: Investigator/Lead Chemist, Synthetic Chemistry, GlaxoSmithKline R&D, Stevenage, UK.

### EDUCATION and TRAINING

- 2002-2003: Post-doctoral fellow at The Scripps Research Institute, San Diego, USA with a fellowship from the Skaggs Foundation under the guidance of Prof. K.C. Nicolaou. Worked on the total synthesis of the complex natural products Diazonamide A and Epothilone B.
- 2000-2002: Military service in the Hellenic Army. Platoon commander and instructor in anti-tank warfare; honorably discharged with the rank of lieutenant.
- 1999-2000: Post-doctoral fellow at Loughborough University with a fellowship from the Leverhulme Trust under the supervision of Prof. P.C.B. Page. Worked on the total synthesis of Lactacystin and palladium catalysed asymmetric transformations. This work was structured and assessed by the Royal Society of Chemistry (RSC) and led to the title of Chartered Chemist and that of a Member of the RSC.
- 1995-1999: Doctor of Philosophy (PhD) awarded by Loughborough University. The research project was a CASE scholarship from Glaxo-Wellcome on New Systems for Catalytic Asymmetric Epoxidation. Started at the University of Liverpool and completed at Loughborough University following the appointment of my supervisor, Prof. P.C.B. Page, as Head of Organic Chemistry at the latter institute.
- 1992-1995: BSc(Hons) *First Class* in Chemistry (8.64/10) from The University of Liverpool, UK. Awarded the Ellard-Woolcotte prize for distinguished academic performance (ranked 2<sup>nd</sup> in 86 graduates).

### ACHIEVEMENTS, AWARDS AND POSITIONS OF RESPONSIBILITY

- At GlaxoSmithKline I was the lead chemist in the trametinib project, the first in class MEK inhibitor approved by the FDA for the treatment for metastatic melanoma (now asset of Novartis). I was also among the authors of the trametinib file submitted to the FDA for the approval of the drug.
- During my 10 year-career at GlaxoSmithKline I had the opportunity to contribute directly and indirectly in more than 120 projects spanning all phases of development (early/late phase and marketed products).
- At GlaxoSmithKline I worked on the development of several complex molecules for diverse therapeutic areas such as gastrointestinal, neurology, psychiatry and oncology. I was involved in the design and execution of syntheses in reactors up to 6,000 litres, delivering the active pharmaceutical ingredient (API) at the appropriate specifications. I have also been responsible for the knowledge and technology transfer of these processes to production sites in the USA, Japan, UK, Ireland, Switzerland, Germany, Spain and Singapore.
- GlaxoSmithKline has recognized the quality and importance of my contributions with two Bronze, six Silver and two Gold Reward & Recognition awards and three Exceptional Science Awards. In one

occasion the chemical synthesis my team developed for a drug candidate was awarded the 2<sup>nd</sup> Prize for Green and Sustainable Process by the CEO of GlaxoSmithKline. In addition, I have also held positions in the Catalysis Team, the recruitment team and the review panel for academic proposals and collaborations.

- I have been the lead chemist in four projects encompassing multicultural teams of chemists, analysts and engineers of PhD/post-doctoral level. I have gained significant experience in coaching people, cost-of-goods issues, safety, environmental impact and manufacturability of chemical processes as well as in issues related to intellectual property, regulatory affairs, managing resources and more importantly the interaction of all of the above in decision making.
- Since joining the University of Patras, I have supervised 60 students in 82 research projects spanning all levels; 7×PhD, 32×Master, 43×Undergraduate.
- I have been the author / co-author > 40 research publications and 4 patents with >1800 citations and *h* index = 21. I have been invited to present my work on 26 separate occasions in academia and industry, 17 of which have been at international conferences. Our group collaborates with prominent research teams in Canada, Italy, Singapore and Australia.
- I am among the translators and chief editors in two Chemistry textbooks for undergraduate and postgraduate level that were recently translated in the Greek language: a) Organic Chemistry, 11th edition, by Carey F. A., Giuliano R. M., Allison N. T. και Bane S. L. and b) An Introduction to Medicinal Chemistry, 6th edition, by Graham Patrick.
- My research interests span diverse areas of contemporary organic chemistry such as Asymmetric Synthesis, Catalysis, Green Chemistry, Industrial Process Development, Mechanistic studies, Medicinal Chemistry. I teach these subjects in our under/postgraduate Programs. My teaching performance, as assessed by undergraduate and MSc students, has been consistently > 4 in a scale of 1-5 (5 being excellent).
- Since 2018 I am the elected President of the Drugs and Cosmetics Division of the Union of Hellenic Chemists (the professional body of Chemists in Greece) and recently re-elected Member of the National Assembly of Representatives.