

Curriculum vitae

Summary



Nicholas obtained his first degree on Biology at the University of Athens, studying for his final year thesis with Prof Hamodrakas on a new multiple sequence alignment algorithm. Being charmed by this computational work, he naturally decided to abandon Biology for Physics and computational Biology, and obtained a PhD on biological crystallography at the (then) Astbury Department of Biophysics (UK) with Prof Simon Phillips. Coming back to Greece, and following a year-long tour of duty, he spent six lovely years as a postdoc with Prof Mike Kokkinidis at Crete writing code, avoiding the wet lab, and occasionally solving a structure. In 2003—and after a short visit to beautiful Ioannina—he decided to take-up Einstein’s advice and got a (mostly) teaching job at the Department of Molecular Biology & Genetics at Alexandroupolis, where he still serves as an Assistant Professor. He has authored ~50 research articles in journals of the Science Citation Index, with most of them revolving around structural biology, crystallography and computational biology.

Personal details

Full name	Nicholas Menelaou Glykos.
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Positions and qualifications

2003-present	Associate Professor (since 2018), Assistant Professor (since 2008) and Lecturer (since 2003) of Structural and Computational Biology at the Department of Molecular Biology and Genetics of Democritus University of Thrace, Greece.
2003-present	Speaker for the Postgraduate programs “Protein Biotechnology” (University of Crete) and “Translational Research in Biomedicine” (Democritus University of Thrace).
2002-2003	Visiting lecturer, Department of Biological Applications & Technologies, University of Ioannina, Greece.
1996-2001	Postdoctoral research fellow at the macromolecular crystallography group of the Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology–Hellas, Crete, Greece.
1997-1998	EMBO short-term fellowship at the University of Leeds.
1991-1995	PhD, Department of Biophysics, University of Leeds, Thesis title : “Structural studies of the arginine repressor/activator from <i>Bacillus subtilis</i> ”.
1986-1990	BSc, Department of Biology, University of Athens.

Teaching

The undergraduate courses that are —or have been— taught include ‘*Bioinformatics*’ (mainly algorithms), ‘*Introduction to computational biology*’ (unix and C programming), ‘*Advanced themes of bioinformatics*’ (perl), ‘*Advanced themes of computational biology*’ (structural computational biology), ‘*Structural biology*’ (basic stuff based on the Branden and Tooze book), and finally, the ‘*Advanced themes of Structural biology*’ (essentially methods of macromolecular crystallography). Final year (diploma thesis) students are trained on structural computational biology projects.

At the postgraduate level, and other than tormenting the occasional PhD student, the courses of ‘*Bioinformatics*’, ‘*Introduction to crystallography*’ and ‘*Crystallographic computing*’ are —or have been— taught at the MSc level at Democritus University of Thrace and the University of Crete.

Publications and statistics

The complete list of NMG’s publications is available via

<https://utopia.duth.gr/glykos/publications.html>

As of March 2022, and based on the Google Scholar database, NMG has authored 51 publications in journals of the Science Citation Index of which 47 were research articles, 1 letter, and 3 reviews. These research articles have been published in journals with an average impact factor of approximately 4.0 and were cited a total of 1578 times, giving an overall *h*-factor of 20 and an *i*10-index of 32. Of these 51 papers, NMG serves as the corresponding author for 34, of which five are single-author papers.

Other publications and textbooks

More than approximately thirty conference abstracts and papers have been published in various conference proceedings and conference-related publications. In some cases (eg. the Erice and the European Crystallographic Association meetings), these have appeared in the form of articles in dedicated volumes.

A free and open access electronic textbook entitled “A non-mathematical introduction to protein crystallography” (in Greek) has been written as part of the ‘Kallipos : Hellenic Academic Open Access E-textbooks’ project.

Together with Professors Kokkinidis & Hamodrakas, we served as scientific advisors for the translation to Greek of Branden & Tooze’s book “Introduction to protein structure”.

Other contributions

Nicholas serves as a reviewer for the following SCI journals : *Acta Crystallographica section D Biological Crystallography*, *Journal of Applied Crystallography*, *PLOS One*, *Nature communications*, *Journal of Computational Chemistry*, *Biopolymers*, *Proteins : Structure, Function, and Bioinformatics*, *Journal of Molecular Graphics and Modeling*, *Journal of Physical Chemistry*, *Biochimica et Biophysica Acta*, *Journal of Biomolecular Structure and Dynamics*, *Molecular simulation*, *International Journal of Peptide Research & Therapeutics*, *Structural chemistry*, *International Journal of Molecular Sciences*, *Computer Methods & Programs in Biomedicine*.

He contributed as a partner in several successful grant applications, including three FP7 grants, amounting collectively to a grant total of ~1.3 million Euros. He has also been involved in the organisation of several meetings and science events, notably the 2008 “European Researchers’ Night in Greece”.