



Dimitris Polychronopoulos

Date and place of birth: 30/5/1984, Athens, Greece

13-15 Delfon street, Gerakas, Athens, 15344, Greece

Citizenship: Greek – Australian

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Education

National and Kapodistrian University of Athens & NCSR Demokritos <i>DPhil candidate in Computational Biology, Department of Biology</i>	2011 – now
National and Kapodistrian University of Athens, GR <i>MSc in Bioinformatics, Department of Biology</i>	2008 – 2011
<ul style="list-style-type: none">Graduated with an overall grade of: 7.8/10 (very good) Democritus University of Thrace, GR <i>Ptychio in Molecular Biology and Genetics</i>	2002 – 2006
<ul style="list-style-type: none">Graduated with an overall grade of: 7.39/10 (very good), Rank: 6th/90 National Greek Examinations, 1 st High School of Gerakas, Greece	2002
<ul style="list-style-type: none">Graduated with an overall grade of: 18.9/20 (excellent)	

Distinctions and Awards

Greek Society of Space and Astronomy	October 2001
<ul style="list-style-type: none">Awarded a prize after exams at national level (Rank: 6th/600)	
BSRC Alexander Fleming	January 2007
<ul style="list-style-type: none">Graduate Scholarship for completing a research project	
Onassis Foundation and IMBB, FORTH,GR	June 2007
<ul style="list-style-type: none">Scholarship that covers accommodation and travel expenses in order to attend the Onassis Foundation Lecture Series devoted to “Channels and Channelopathies”	
Cancer Research UK, Paterson Institute for Cancer Research, University of Manchester, UK	December 2007
<ul style="list-style-type: none">International PhD programme, Duration of award: 4 years, Supervisor: Dr Karim Labib (abandoned after 9 months)	
European Molecular Biology Organisation (EMBO)	
<ul style="list-style-type: none">EMBO Practical Course “Computational Biology: Genomes, Cells & Systems”, 6-13 August 2011, Iceland (also supported by an EMBO travel grant)EMBO Practical Course “Bioinformatics and Comparative Genome Analysis”, 7-19 May 2012, Naples, Italy (supported by EMBO)EMBO Short term fellowship to conduct research at the Swiss Federal Institute of Technology, EPFL/ISREC, Switzerland for 3 months (January – April 2013, Philipp Bucher's lab)	

Funding

- BioASQ (2012 – 2014, www.bioasq.org) – A Challenge on Large-Scale Biomedical Semantic Indexing and Question Answering. EUROPEAN PROJECT FP7 ICT (2012-14). **Role:** Coordinator (in collaboration with my PhD supervisor Dr.Y.Almirantis) of the team of biomedical experts
 - THALIS (2012-2015) - Genome sequencing and characterization of *Streptococcus macedonicus*, *Streptococcus thermophilus*, *Lactobacillus delbrueckii* subsp. *lactis* and *Lactobacillus acidipiscis*. Physiological, evolutionary and technological implications. **Role:** Collaborating researcher
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Publications

Journals (1)

- Gambus A*, van Deursen F*, Polychronopoulos D, Foltman M, Jones RC, Edmondson RD, Calzada A and Labib K: A key role for Ctf4 in coupling the MCM2-7 helicase to DNA polymerase alpha within the eukaryotic replisome EMBO J. 2009 Oct 7;28(19):2992-3004. Epub 2009 Aug 6 (*equal contribution)

Under peer-review (1)

- Polychronopoulos D, Sellis D and Almirantis Y: Survey of the genomic distribution of Conserved Noncoding Elements reveals widespread occurrence of power-laws as a result of genome dynamics (submitted to PLoS One)

Book Chapters (1)

- Polychronopoulos D, Tsiangas G, Athanasopoulou L, Sellis D and Almirantis Y: Long-Range order and fractality in the structure and organization of eukaryotic genomes (to appear, special volume dedicated to the memory of J.S Nicolis)
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Talks

- 5th Conference of the Hellenic Society for Computational Biology and Bioinformatics (HSCBB), 17-19 October 2010, Thraki Palace Hotel, Alexandroupolis, Greece
 - 6th Conference of the Hellenic Society for Computational Biology and Bioinformatics (HSCBB), 7-9 October 2011, Conference Centre University of Patras, Patras, Greece
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Programming Languages – Computational skills

- Microsoft Office, Windows 3.1/2000/XP/Vista/7, Linux, MacOS
 - C, Perl, Python, SQL, JAVA, sed, awk, R programming language, shell scripting
 - EMBOSS Utilities, UCSC utilities, BEDTools, samtools, biosquid, WEKA
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Language Skills

- Greek (Native), English (Certificate of Proficiency in English, University of Michigan, 2005), German (Mittelstufe, Goethe Institut, 2000)
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Other positions

mOm – non-government organization for the protection and study of the monk seal August 2009

- Responsible for informing the public about the monk seal *monachus monachus*, its habitat and threats

WWF

November
2008 until
March 2009

- Responsible for informing the public about the work of the organisation and also attract new supporters (paid position, part-time)