

Professor Constantinos Stathopoulos, PhD

Department of Biochemistry, School of Medicine, University of Patras, 26504 Patras, Greece
Tel: +30 2610997932; Fax: +30 2610969167; E-mail: cstath@med.upatras.gr; <http://rna.med.upatras.gr>

CURRENT POSITION

2014 Professor of Biochemistry, Department of Biochemistry, School of Medicine, University of Patras

EDUCATION AND TRAINING

1998-2001 Postdoctoral Research Associate, Yale University, USA.
1998 Postdoctoral Research Fellow, School of Medicine, University of Patras (10 months appointment).
1996 PhD Thesis, Department of Biochemistry, School of Medicine, University of Patras
1991 BSc in Biology, Department of Biology, School of Sciences, University of Patras, Greece

DISTINCTIONS AND HONORS

2018-2019 Fulbright Research Fellow (NIH, USA); 2018 Best poster award, 27th tRNA International Conference, Strasbourg, France; 2018 Scientific committee member and invited speaker, 27th tRNA International Conference, Strasbourg, France; 2017 Oral Presentation Award, 68th Annual Conference of the Hellenic Society for Biochemistry and Molecular Biology; 2014 Co-Organizer, 25th tRNA International Conference, Kyllini, Greece; 2014 Poster Presentation Award, 25th tRNA International Conference; 2014 2nd HSBMB Young Scientists Forum, Oral Presentation Award; 2010 Oral Presentation Award at the 5th Conference of MIKROBIOKOSMOS; 2009 Poster Presentation Award, 61st Annual Conference of the Hellenic Society for Biochemistry and Molecular Biology; 2008 Member of the Organizing Committee of the 33th FEBS – 11th IUBMB International Congress; 2008 33th FEBS – 11th IUBMB Congress, The Bodossakis Foundation Poster Award; 2007 2nd Conference of the Hellenic Society of Arthroscopy, 1st Oral Presentation Prize ; 2006 Oral Presentation Award, 58th Annual Conference of the Hellenic Society for Biochemistry and Molecular Biology; 2006 1st Prize, 62nd Hellenic Society of Orthopaedics & Trauma Conference.

ACADEMIC AND PROFESSIONAL SERVICE 2018-2020: Director of the Graduate Program in Biomedical Sciences; 2013- Chairman of the Evaluation and Quality Assurance Committee; 2012- ERASMUS+ Committee Member ; 2014- Editorial Board Member of *International Journal of Molecular Sciences* (IF 3.7); Reviewer for 25 peer-review journals

POSTDOCS, STUDENTS AND TRAINEES Postdoctoral research associates: 2016- 1 (IKY-SIEMENS Fellow); Doctoral Students (dissertation advisor): 6 in progress, 4 completed; Masters Students (thesis advisor): 3 in progress, 14 MSc completed; Senior Undergraduate Students (project advisor): 2 in progress, 36 completed.

EXTRAMURAL FUNDING

2002 Hellenic Ministry of Education, HERAKLEITOS I: Collaborating group (40,000 €)
2003 GSRT, Greece-France Bilateral Grants: Coordinator (15,000 €)
2003 University of Thessaly Research Committee Collaboration Grants: Co-Investigator (5,000 €)
2003 Hellenic Ministry of Education, PYTHAGORAS I: Collaborating group (40,000 €)
2005 University of Thessaly Research Committee: Coordinator (3,000 €)
2007 Hellenic Society of Orthopaedics & Trauma: Coordinator (BIOMED Institute) (10,000 €)
2008 European Society of Clinical Microbiology and Infectious Diseases, Collaborating group (20,000 €)
2009 FP7, COST Action BM0906 on Bacterial non-coding RNAs, Collaborating research group (200,000 €)
2010 University of Patras Research Committee, K. Karatheodoris Grants: Coordinator (33,000 €)
2011 Hellenic Society of Orthopaedics & Trauma: Collaborating research group (10,000 €)
2011 GSRT, ARISTEIA-I (EXCELLENCE-I) Grants: Coordinator (175,000 €)
2012 IKY-SIEMENS Grants of Excellence for Postdoctoral Fellows (24,000 €)
2016 Fundación Santé Research Grants Coordinator (20,000 €)
2017 Fundación Santé Research Grants Coordinator Renewal (20,000 €)
2017 ELIDEK PhD Fellowship (36,900 € Supervisor of the candidate I. Skeparnias)
2018 GSRT, Research-Create-Innovate, PHOTOXENS: Collaborating research group (445,000 €)
2018 GSRT, National Infrastructures, INSPIRED: Collaborating research group (1,897,000 €)

REPRESENTATIVE PUBLICATIONS Published: **66**; Under Review: **2** Citations: **1790**; *h* index: **25**; Accumulated Impact Factor (2017) **329.8**; Median Impact factor: **5.0**; Abstracts in international conferences: **59**; Abstracts in national conferences: **101**; Book chapters: **1**

1. **Stathopoulos C.**, Li T., Longman R., Vothknecht U.C., Becker H.D., Ibba M. and Söll D. (2000). One polypeptide with two aminoacyl-tRNA synthetase activities. *Science* 287:479-482.
2. Ibba M., Becker H. D., **Stathopoulos C.**, Tumbula D. and Söll D. (2000) The adaptor hypothesis revisited. *Trends Biochem Sci* 25:311-316.
3. **Stathopoulos C.**, Kim W., Li T., Anderson I., Palioura S., Whitman W. and Söll D. (2001) Cysteinyl-tRNA synthetase is not essential for the viability of the archaeon *Methanococcus maripaludis*. *Proc Natl Acad Sci USA* 98:14292-14297.
4. Kamtekar S., Kennedy D.W., Wang J., **Stathopoulos C.**, Söll D. and Steitz, T.A. (2003) The structural basis of cysteine aminoacylation of tRNA^{Pro} by prolyl-tRNA synthetases. *Proc Natl Acad Sci USA* 100: 1673-1678.
5. Korencic D., Ahel I., Schelert J., Sacher M., Ruan B., **Stathopoulos C.**, Blum P., Ibba, M. and Söll D. (2004) A freestanding proofreading domain is required for protein synthesis quality control in archaea. *Proc Natl Acad Sci USA* 101:10260-10265.
6. Bailly M., Giannouli S., Blaise M., **Stathopoulos C. (*)**, Kern D and Becker H. D. (2006) A single tRNA base-pair mediates bacterial tRNA-dependent biosynthesis of asparagine. *Nucleic Acids Res* 34:6083-6094. **(*) corresponding author**
7. Giannouli S., Kyritsis A., Malissov N., Becker H. D. and **Stathopoulos C. (*)** (2009) On the role of an unusual tRNA^{Gly} isoacceptor in *Staphylococcus aureus*. *Biochimie* 91:344-351. **(*) corresponding author**
8. Giannouli S., Labrou M., Kyritsis A., Ikonomidis A., Pournaras S., **Stathopoulos C. (*)** and Tsakris A. (2010) Detection of mutations in FemXAB protein family in oxacillin-susceptible, *mecA* positive *Staphylococcus aureus* clinical isolates *J Antimicrob Chemoth* 65:626-633. **(*) corresponding author**
9. Ntokou E., **Stathopoulos C.**, Kristo I., Dimitroulia E., Labrou M., Makris D., Zakynthinos E., Tsakris A. and Pournaras S. (2012) Intensive care unit outbreak caused by multiple clones of linezolid-resistant *Enterococcus faecalis* and *Enterococcus faecium* in a tertiary hospital. *J Antimicrob Chemoth* 67: 1819-1823.
10. Pournaras S., Ntokou E., Zarkotou O., Ranellou K., Themeli-Digalaki K., **Stathopoulos C.** and Tsakris A. (2013) Emergence of linezolid-dependent *Staphylococcus epidermidis* bloodstream isolates. *Emerging Infect Dis* 19: 129-132.
11. Saad N. Y., Stamatopoulou V., Drinas D., **Stathopoulos C. (*)** and Becker H. D. (2013) Two-codon T-box riboswitch binding two tRNAs. *Proc Natl Acad Sci USA* 110:12756-12761. **(*) corresponding author**
12. Kokkori S., Apostolidi M., Tsakris A., Pournaras S., **Stathopoulos C. (*)** and Dinou G. (2014) Linezolid-dependent structure and function adaptation of ribosomes from linezolid-dependent *S. epidermidis*. *J Antimicrob Chemoth* 58: 4651-4656. **(*) corresponding author**
13. Apostolidi M., Saad N. Y., Drinas D., Pournaras S., Becker H. D. and **Stathopoulos C. (*)** (2015) A *glyS* T-box riboswitch with species-specific structural features responding to both proteinogenic and non-proteinogenic tRNA^{Gly} isoacceptors. *RNA* 21:1790-1806. **(*) corresponding author (Cover Article)**
14. Anastasakis D., Skeparnias I., Shaukat N-A., Grafanaki K., Kanellou A., Taraviras S., Papachristou D. J., Papakyriakou A. and **Stathopoulos C. (*)** (2016) Mammalian PNLD1 is a novel poly(A) specific exonuclease with discrete expression during early development. *Nucleic Acids Res* 44:8908-8920. **(*) corresponding author**
15. Chaliotis A., Vlastaridis P., Mossialos D., Ibba M., Becker H. D., **Stathopoulos C. (*)** and Amoutzias G. D. (2017) The complex evolutionary history of aminoacyl-tRNA synthetases. *Nucleic Acids Res* 45:1059-1068. **(*) corresponding author**
16. Stamatopoulou V., Apostolidi M., Li S., Labrinou K., Papakyriakou A., Zhang J. and **Stathopoulos C. (*)** (2017) Direct modulation of T-box riboswitch controlled transcription by protein synthesis inhibitors. *Nucleic Acids Res* 45:10242-10258. **(*) corresponding author**
17. Grafanaki K., Anastasakis D., Kyriakopoulos G., Skeparnias I., Georgiou S. and **Stathopoulos C. (*)** (2019) Translation regulation in skin cancer from a tRNA point of view *Epigenomics* 11:215-245 **(*) corresponding author**
18. Li, S., Su, Z., Lehmann, J., Stamatopoulou, V., Giarimoglou, N., Henderson, F.E., Fan, L., Pintilie, G.D., Zhang, K., Chen, M., Wang, YX., **Stathopoulos, C.**, Chiu, W., Zhang, J. (2019) Structural basis of tRNA aminoacylation-dependent transcription attenuation by a T-box riboswitch. *Science* Submitted