

Constantinos Stathopoulos

Professor/Biochemistry/University of Patras

Email to: stathopoulos.konstantinos@ac.eap.gr, cstath@med.upatras.gr

Constantinos Stathopoulos is Professor of Biochemistry, Head of the Department of Biochemistry of Medical School and leader of the RNA Biology research group of the University of Patras (<http://rna.med.upatras.gr>). He graduated from the Department of Biology (1991) and received his PhD in Biochemistry (1996) from the School of Medicine of the University of Patras. In 1998-2002 he was a postdoctoral research fellow at the Department of Molecular Biophysics and Biochemistry at Yale University, USA. In 2018-2019 he was a Fulbright Scholar for research at the NIH and lectures at Yale, Temple and Ohio State University, USA. He is an Editorial Board Member of the *International Journal of Molecular Sciences* (IF:5.6), *Antibiotics* (IF:4.8) and *Frontiers in Genetics* (IF:3.7). His research group focuses on studying the expression, function, structure and interactions of many small and large regulatory noncoding RNAs (ncRNAs) in diseases such as cancer and dangerous bacterial infections, using novel technologies such as genomic processing, NGS transcriptomic analyses, structural analyses and bioinformatics analyses of molecular networks that affect gene expression. He has been awarded in national and international conferences, is scientific leader of several national and international research projects and his published work consists so far of 90 papers in international journals (Total Impact Factor >600, >2600 citations, h-index 33, i10-index 66), 2 book chapters, and 82 papers in international and 145 in national conferences. He has given invited lectures at both national and international conferences and research centers and has served as organizer or member of organizing committees of several national and international conferences. So far, he has supervised 15 PhD theses, 50 Master's Degrees and more than 50 undergraduate theses. He has served as visiting professor at the University of Strasbourg (France) and the University of Tübingen (Germany). He has served as a reviewer in more than 60 international journals, in all the main national research funding agencies (GET, ELIDEK, IKY) as well as in those of foreign countries (Israel, Austria, Cyprus) and the European Union (ERC, HORIZONS2020-IMI, COST).

Selected Publications

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. Saad N. Y., Stamatopoulou V., Drainas D., Stathopoulos C. and Becker H. D. (2013) Two-codon T-box riboswitch binding two tRNAs. *Proc Natl Acad Sci USA* 110: 12756-12761.
3. Anastasakis D., Skeparnias I., Shaukat N-A., Grafanaki K., Kanellou A., Taraviras S., Papachristou D. J., Papakyriakou A. and Stathopoulos C. (2016) Mammalian PNLDC1 is a novel poly(A) specific exonuclease with discrete expression during early development. *Nucleic Acids Res* 44: 8908-8920.
4. Li, S., Su Z., Lehmann J., Stamatopoulou V., Giarimoglou N., Henderson F.E., Fan L., Pintilie G.D., Zhang K., Chen M., Wang Y-X., Stathopoulos C., Chiu W. and Zhang, J. (2019) Structural basis of amino acid surveillance by higher-order tRNA-mRNA interactions *Nature Struct Mol Biol* 26: 1094-1105.
5. Giarimoglou N., Kouvella A., Patsi I., Zhang J., Stamatopoulou V. and Stathopoulos C. (2022) Lineage-specific insertions in T-box riboswitches modulate antibiotics binding and action. *Nucleic Acids Res* 50:5834-5849.