

# Curriculum vitae

## PERSONAL INFORMATION

Ekaterini Tatsaki



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Date of birth 07/04/1988 | Nationality Greek

## EDUCATION AND TRAINING

01/07/2016–Present

### PhD student

Faculty of Medicine, School of Health Sciences, University of Ioannina, Ioannina (Greece)

**PhD Thesis:** "Systematic evolutionary study of the structure-function and specificity relationships in bacterial purine-pyrimidine transporters"

Supervisor : Dr. Stathis Frillingos, Professor of Biological Chemistry.

Laboratory of Biological Chemistry, Department of Medicine.

19/10/2012–02/10/2015

### MSc in Biotechnology

Faculty of Medicine, School of Health Sciences, University of Ioannina., Ioannina (Greece)

Grade: 8.6/10

**Master's Thesis:** "Study of conserved sequence motifs in transmembrane purine transporters" (grade 10/10)

Supervisor: Dr. Stathis Frillingos, Professor of Biological Chemistry.

Laboratory of Biological Chemistry, Department of Medicine.

20/09/2007–02/10/2012

### B.Sc in Biological Applications and Technology (Integrated Master's Degree)

Faculty of Biological Applications and Technology, School of Health Sciences, University of Ioannina, Ioannina (Greece)

Grade: 7.23/10

**Undergraduate Thesis:** "Analysis of characteristic sequence motifs in nucleobase transporters of the human microbiome: Study of the xanthine transporter XanQ" (grade 10/10)

Supervisor : Dr. Stathis Frillingos, Professor of Biological Chemistry.

Laboratory of Biological Chemistry, Department of Medicine.

26/06/2006

### High School Graduation

3<sup>rd</sup> General High School of Ioannina

Grade: 19/20

## WORK EXPERIENCE

2014–2018

### Assistant Personnel

Assisting the Teaching and Research staff of the Laboratory of Biological Chemistry at: a) conducting tutorials and laboratory exercises and b) the supervision/invigilating of examinations (examination period). University of Ioannina, School of Health Sciences, Faculty of Medicine.

2014-2015

### Participation in the research program entitled "Membrane transport: Structure-function and evolutionary relationships (EVOTRANS)"

co-financed by the European Social Fund (ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF) - THALIS program - support of research and innovation.

## 2010 Internship in Biochemistry

General Hospital "G. Hatzikosta"- Department of Biochemistry Ioannina (Greece)

### PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Certificate of Proficiency in English University of Michigan					
German	B2	B2	B2	B2	B2
Zertifikat Deutsch, Goethe Institut					
Dutch	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

### ADDITIONAL INFORMATION

#### Computer Qualifications

Excellent knowledge of Word Processing, Spreadsheets, Presentations, Databases and Internet Applications using Microsoft Office.

**Certificates:** - Microsoft Office Specialist, Master  
- ACTA- Certified Computer User, Spin Off Aristotle University of Thessaloniki

#### Publications

- Chaliotis A, Vlastaridis P, Ntountoumi C, Botou M, Yalelis V, Lazou P, **Tatsaki E**, Mossialos D, Frillingos S and Amoutzias GD, "NAT/NCS2-hound: A web server for the detection and evolutionary classification of prokaryotic and eukaryotic nucleobase-cation symporters of the NAT/NCS2 family", *GigaScience*, 2018
- Karena E., **Tatsaki E.**, Lambrinidis G., Mikros E. and Frillingos S., "Analysis of conserved NCS2 motifs in the Escherichia coli xanthine permease XanQ", *Molecular Microbiology*, 2015, 98 (3): 502-517 (doi: 10.1111/mmi.13138)

Cover page <http://onlinelibrary.wiley.com/doi/10.1111/mmi.2015.98.issue-3/issuetoc>

#### Conferences

##### Oral Presentations

- 69<sup>th</sup> Panhellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology (HSBMB)

**E. Tatsaki** and S. Frillingos "Ancestral reconstruction approach to analyze the structure function and specificity relationships in the NAT/NCS2 family" Proceedings of the 69<sup>th</sup> National HSBMB Conference, Larissa, Nov. 23-25, 2018; p61

- 34<sup>th</sup> Small Meeting on Yeast Transport and Energetics

Frillingos Stathis, Lazou Panayiota, **Tatsaki Ekaterini**, Yalelis Vassilios and Botou Maria "Functional, phylogenetic and mutational analysis of bacterial purine/pyrimidine permeases of the Nucleobase: Cation Symporter-2 family for elucidating distinct substrate preferences and structure-functional splits" Proceedings of the 34<sup>th</sup> Small Meeting on Yeast Transport and Energetics, Chania, Aug 29<sup>th</sup> - Sept 1<sup>th</sup>, 2016; p43

##### Poster Presentations

- 67<sup>th</sup> Panhellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology (HSBMB)

M. Botou, E. Karena, **E. Tatsaki**, G. Lambrinidis, E. Mikros, E. Fliemetakis, and S. Frillingos "The role of Ser/Asn-93 in purine substrate preference as revealed by mutational analysis of the xanthine/uric acid permease SmLL9 from *Sinorhizobium meliloti*", Proceedings of the 67<sup>th</sup> National HSBMB Conference, Ioannina, Nov. 25-27, 2016; p158

- 6<sup>th</sup> National Conference of the Hellenic National Initiative Mikrobiokosmos (MBK)

**Tatsaki E.**, Karena E., Botou, M. and Frilingos S. "A comprehensive analysis of conserved sequence patterns for the discovery of all functionally important residues in the microbial purine nucleobase transporters of family NAT/NCS2", Proceedings of the 6<sup>th</sup> National MBK Conference, Athens, April 3-5, 2015; p92-93

- 34<sup>th</sup> Scientific Conference of the Hellenic Society for Biological Sciences (HSBS)

E. Karena, **E. Tatsaki** and S. Frilingos "The three-dimensional arrangement of important and conserved residues in the xanthine transporter XanQ of *E. coli*", Proceedings of the 34<sup>th</sup> HSBS Scientific Conference, Trikala, May 17-19, 2012; p 94-95