

# Curriculum vitae of Christos GOURNAS

## PERSONAL INFO

Name and Surname: Christos Gournas  
Date and place of birth: April 9, 1982, Athens  
Nationality: Greek

## WORKING ADDRESS

Microbial Molecular Genetics laboratory,  
Institute of Biosciences and Applications  
National Centre for Scientific Research “Demokritos”  
Tel : + 30 210 6503602  
Fax : + 30 210 6511767  
e-mail : [cgournas@bio.demokritos.gr](mailto:cgournas@bio.demokritos.gr)  
website : <http://bio.demokritos.gr/en/research-programs/biological-systems-standards-for-study-of-cellular-function/microbial-molecular-genetics-laboratory>

## EDUCATION

2008 - Ph.D., Molecular Microbiology, National and Kapodistrian University of Athens, Greece  
2012 THESIS: Regulation of expression and structure-function relationships of purine transporters  
Supervisor: Prof. George Diallynas

2001 - Diploma in Biology, National and Kapodistrian University of Athens, Greece  
2007

## RESEARCH EXPERIENCE

September 2018 – Today Associate Researcher, Microbial Molecular Genetics laboratory, Institute of Biosciences and Applications, National Centre for Scientific Research “Demokritos”, Greece.

October 2017 – August 2018 Postdoctoral researcher, Molecular Physiology of the cell laboratory, Institut de Biologie et de Médecine Moléculaires, Université Libre de Bruxelles (ULB), under the supervision of Prof. Bruno André

October 2014 – September 2017 «Chargé de Recherche» postdoctoral research associate of the Fonds de la Recherche Scientifique (FRS-FNRS) of Belgium, based in the laboratory of Prof. Bruno André, Molecular Physiology of the cell laboratory, Institut de Biologie et de Médecine Moléculaires, Université Libre de Bruxelles (ULB).

March 2012 – July 2014 Postdoctoral research collaborator at the Microbial Molecular Genetics Laboratory of Dr. Sophianopoulou, Institute of Biosciences and Applications, NCSR “DEMOKRITOS”

2008-2012 Ph.D. thesis. Department of Biology, National and Kapodistrian University of Athens, Greece  
Thesis title: Regulation of expression and structure-function relationships of purine transporters in *Aspergillus nidulans*. Supervisor, Prof. George Diallynas

2005-2007 Diploma thesis. Supervisor: Prof. George Diallynas, Department of Biology, National and Kapodistrian University of Athens, Greece  
Thesis title: Functional characterization of a NAT/NCS2 orthologue of *Drosophila*

*melanogaster* by heterologous expression in *Aspergillus nidulans*.

## CAREER BREAKS

May 2011 – January 2012      Performed my mandatory military service in the Greek army.

## TEACHING EXPERIENCE

### CO-SUPERVISION OF STUDENTS

In NCSR “Demokritos”

Training of Pavlos Geranios master student of the “Microbial Biotechnology” program of the National and Kapodistrian University of Athens, in the course of his master thesis entitled: «Eisosomal proteins: Study of their structure-function relationships in the filamentous fungus *Aspergillus nidulans*» (2012-2013)

Training of Kalliopi Siaka undergraduate student of the Department of Biology of the National and Kapodistrian University of Athens, in the course of her diploma thesis entitled: “Study of the endocytosis of amino acid transporters” (2013-2014).

In ULB, Belgium:

Training of Stelios Gkionis, undergraduate student, of the Department of Biology of the National and Kapodistrian University of Athens in the course of his diploma thesis during an Erasmus placement, entitled: «The Segregation of transporters in plasma membrane microdomains: a molecular dissection» (2015-2016)

Training of Xavier Hellebosch, undergraduate technician student of Haute Ecole Condorcet, Province de Hainaut, in the course of his practical work entitled: «Construction de différents plasmides de la protéine Gap1 portant la mutation 112 avec une autre mutation de la chaîne N-terminale» (2017).

Training of Jasmine Sik, postgraduate student of the Master’s program “Chemical Bio-engineers and bio-industry” of ULB, in the course of his master’s thesis entitled: “La segregation laterale de la permease Gap1 dans la membrane plasmique de *Saccharomyces cerevisiae*” (2018).

### TEACHING ACTIVITIES

2017-2018      Teaching assistant, Practicals of the undergraduate course “Génétique”, Département de Biologie Moléculaire, Faculté des Sciences, ULB, Belgium

2014-2017      Teaching assistant in the one-week workshop named “Dissection génétique du trafic interne des protéines” for the graduate students of the “Biologie Moléculaire” Master’s program of the “Département de Biologie Moléculaire, Faculté des Sciences, ULB, Belgium.

2008-2011      Teaching assistant in the one-week workshop of the graduate course “Model Microbial systems-molecular mechanisms” of the “Microbial Biotechnology” Master’s program of the Department of Biology, School of Science, National and Kapodistrian University of Athens, Greece.

2008-2011      Teaching assistant in the practicals of the undergraduate courses “General Microbiology” and “Advanced Molecular and Applied Microbiology” of the Department of Biology, School of Science, National and Kapodistrian University of Athens, Greece.

### GRANTS AND FELLOWSHIPS

2017-2018      Participation in the project “Algotech”, funded by the European Regional Development Fund and the region of Wallonie, Belgium, aiming to improve the export of nutrients from the

cells using synthetic genetics on plasma membrane transporters.

- 2014-2017 «Chargé de Recherche» post-doctoral grant from the FRS-FNRS, Belgium, entitled «Molecular analysis of substrate-induced endocytosis of the yeast arginine transporter».
- 2012-2014 Participation in the research project “EVOTRANS-Transmembrane transport: Structure-function and evolutionary relationships”, which was co-financed by the European Union (European Social Fund – ESF) and the Greek Government.
- 2008-2011 IKY Scholarship from the Greek States Scholarship Foundation for my Ph.D. thesis.

## HONOURS AND AWARDS

- 2015 Scholarship for oral presentation at the international meeting «Cell Biology of Yeasts meeting, Cold Spring Harbor Laboratory, NY, USA», by the «Fonds International Jean Brachet».
- 2016 Scholarship for poster presentation at the international Gordon’s Conference «Lysosomes and endocytosis”, Proctor Academy, Boston, USA, by the «Fonds International Jean Brachet».
- 2016 First prize for oral presentations on the “57th International conference on the bioscience of lipids”, given to M. Carquin for our work named «Segregation of fluorescent ceramide analogs into submicrometric domains at the yeast surface and relationship with proteins ».
- 2017 Scholarship by the «Fonds International Jean Brachet» for poster presentation at the EMBO symposium “Molecular and Cell Biology of Membranes”, May 2017, EMBL, Heidelberg, Germany.

## MEMBERSHIPS

Regular member of the Hellenic Society for Biochemistry and Molecular Biology (HSBMB) from 2012.

Regular member of the Hellenic Initiative “Mikrobiokosmos” from 2015.

## PUBLICATIONS OF SCIENTIFIC WORK

Dr. Gournas has been the co-author in 12 original articles/letters and 4 review articles. According to Scopus database (Author ID: 24070383700), his articles have received 314 citations, from which 276 hetero-citations with *h*-index of 8 (October 2018). The total impact factor of his articles is 74.044 with a mean value of 4.628.

Dr. Gournas has also been a co-author in a chapter of a book, 9 oral and 15 poster presentations in International Conferences, 1 International workshop and 10 National Conferences.

## PUBLICATIONS IN INTERNATIONAL PEER REVIEWED JOURNALS

1. **C. Gournas**, I. Papageorgiou and G. Diallinas. 2008. The nucleobase-ascorbate transporter (NAT) family: genomics, evolution, structure-function relationships and physiological role. *Mol Biosyst.* 4:404-16.
2. I. Papageorgiou, **C. Gournas**, A. Vlanti, S. Amillis, A. Pantazopoulou and G. Diallinas. 2008. Specific interdomain synergy in the UapA transporter determines its unique specificity for uric acid among NAT carriers. *J Mol Biol.* 382:1121-35.
3. G. Diallinas and **C. Gournas**. 2008. Structure-function relationships in the nucleobase-ascorbate transporter (NAT) family: Lessons from model microbial genetic systems. *Channels (Austin).* 2:363-372.

4. **C. Gournas\***, S. Amillis\*, A. Vlanti\* and G. Diallinas. 2010. Transport-dependent endocytosis and turnover of a uric acid-xanthine permease. *Mol Microbiol.* 75:246-60.
5. I. Vangelatos, K. Roumelioti, **C. Gournas**, T. Suarez, C. Scazzocchio and V. Sophianopoulou. 2010. Eisosome organisation in the filamentous ascomycete *Aspergillus nidulans*. *Eukaryot Cell.* 9(10):1441-1454.
6. V. Bitsikas\*, M. Karachaliou\*, **C. Gournas** and G. Diallinas. 2011. Hypertonic conditions trigger transient plasmolysis, growth arrest and blockage of transporter endocytosis in *Aspergillus nidulans* and *Saccharomyces cerevisiae*. *Mol Membr Biol.* 28(1):54-68.
7. **C. Gournas**, N. Oestreicher, S. Amillis, G. Diallinas and C. Scazzocchio. 2011. Completing the purine utilization pathway of *Aspergillus nidulans*. *Fungal Genet Biol.* 48(8):840-8.
8. **C. Gournas**<sup>#</sup>, T. Evangelidis, A. Athanasopoulos, E. Mikros, V. Sophianopoulou<sup>#</sup>. 2015. The *Aspergillus nidulans* proline permease as a model for understanding the factors determining substrate binding and specificity of fungal amino acid transporters. *J Biol Chem.* 6;290(10):6141-55.
9. A. Athanasopoulos, **C. Gournas**, S. Amillis, V. Sophianopoulou. 2015. Characterization of AnNce102 and its role in eisosome stability and sphingolipid biosynthesis. *Sci Rep. Oct 15;5:15200.* doi: 10.1038/srep15200.
10. **C. Gournas**, M. Prévost, E.M. Krammer, B. André. 2016. Function and regulation of fungal amino acid transporters: insights from predicted structure. *Adv Exp Med Biol.* ;892:69-106. doi: 10.1007/978-3-319-25304-6\_4.
11. R. P. de Vries, R. Riley, A. Wiebenga, G. Aguilar-Osorio, S. Amillis, C. A. Uchima, G. Anderluh, M. Asadollahi, M. Askin, K. Barry, E. Battaglia, Ö. Bayram, T. Benocci, S. A. Braus-Stromeier, C. Caldana, D. Cánovas, G. Cerqueira, F. Chen, W. Chen, C. Choi, A. Clum, R. A. Corrêa dos Santos, A. R. de Lima Damásio, G. Diallinas, T. Emri, E. Fekete, M. Flipphi, S. Freyberg, A. Gallo, **C. Gournas**, R. Habgood, L. Harispe, B. Henrissat, K. S. Hildén, R. Hope, A. Hossain, L. Karaffa, Z. Karányi, N. Kraševc, A. Kuo, H. Kusch, K. LaButti, E. L. Lagendijk, A. Lapidus, A. Lévassieur, E. Lindquist, A. Lipzen, A. F. Logrieco, A. MacCabe, M. R. Mäkelä, I. Malavazi, P. Melin, V. Meyer, N. Mielnichuk, M. Miskei, Á. P. Molnár, G. Mulé, C. Y. Ngan, E. Orosz, J. P. Ouedraogo, K. M. Overkamp, H.-S. Park, G. Perrone, F. Piumi, P. Punt, A. F.J. Ram, A. Ramón, S. Rauscher, E. Record, D. M. Riaño-Pachón, V. Robert, J. Röhrig, R. Ruller, A. Salamov, N. Salih, R. A. Samson, E. Sándor, M. Sanguinetti, K. Sepčić, E. Shelest, G. Sherlock, V. Sophianopoulou, F. M. Squina, H. Sun, A. Susca, R. B. Todd, A. Tsang, D. Uffink, S. E. Unkles, N. van de Wiele, J. V. de Castro Oliveira, T. C. Vesth, J. Visser, J.-H. Yu, M. Zhou, M. R. Andersen, D. B. Archer, S. Baker, I. Benoit, A. A. Brakhage, G. H. Braus, R. Fischer, J. C. Frisvad, G. H. Goldman, J. Houbraken, B. Oakley, I. Pócsi, C. Scazzocchio, B. Seiboth, P. A. vanKuyk, J. Wortmann, P. S. Dyer, I. V. Grigoriev. 2017. Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus *Aspergillus*. *Genome Biol.* Feb 14;18(1):28.
12. **C. Gournas**, E. Saliba, E.M. Krammer, C. Barthelemy, M. Prévost, B. André. 2017. Transition of yeast Can1 transporter to the inward-facing state unveils an  $\alpha$ -arrestin target sequence promoting its ubiquitylation and endocytosis. *Mol Biol Cell.* Aug 16. pii: mbc.E17-02-0104.
13. G. Talaia, **C. Gournas**, E. Saliba, C. Barata-Antunes, M. Casal, B. André, G. Diallinas, S. Paiva. 2017. The  $\alpha$ -arrestin Bullp mediates lactate transporter endocytosis in response to alkalinization and distinct physiological signals. *J Mol Biol.* 2017 Sep 28. pii: S0022-2836(17)30451-5. doi: 10.1016/j.jmb.2017.09.014.
14. **C. Gournas**<sup>#</sup>, S. Gkionis, M. Carquin, L. Twyffels, D. Tyteca, B. André<sup>#</sup>. 2018. Conformation-dependent partitioning of yeast transporters into starvation-protective plasma membrane domains. *Proc Natl Acad Sci U S A.* Mar 20. pii: 201719462. doi: 10.1073/pnas.1719462115
15. E. Saliba, M. Evangelinos\*, **C. Gournas\***, F. Corrillon, I. Georis, and B. André. 2018. The yeast H<sup>+</sup>-ATPase Pma1 promotes Rag/Gtr-dependent TORC1 activation in response to H<sup>+</sup>-coupled nutrient uptake. *eLife.* 2018;7:e31981.
16. **C. Gournas**<sup>#</sup>, A. Athanasopoulos, V. Sophianopoulou<sup>#</sup>. 2018. On the evolution of specificity in members of the Yeast Amino Acid Transporter family as parts of specific metabolic pathways. *Int J Mol Sci.* 19(5):1398.

\*: equal contribution

#: co-corresponding author

## INVITED CHAPTERS IN SCIENTIFIC BOOKS

**C. Gournas**, M. Prévost, E.M. Krammer, B. André. 2016. Function and regulation of fungal amino acid transporters: insights from predicted structure. Yeast Membrane transport. *Advances in experimental Medicine and Biology*, Vol 892, Springer, pp 69-106.

## ORAL PRESENTATIONS IN INTERNATIONAL CONFERENCES

(The name of the presenting author is underlined)

1. G. Diallinas, I. Papageorgiou, **C. Gournas**, A. Vlanti, V. Kosti, A. Pantazopoulou and S. Amillis. 2008. Intramolecular synergy as the basis for the evolution of a highly specific uric acid transporter. 26th Smyte (Small Meeting on Yeast Transport and Energetics), Braga, Portugal.
2. M. Karachaliou, V. Bitsikas, **C. Gournas**, A. Pavlides and G. Diallinas. 2010. Hypertonic conditions trigger transient plasmolysis, growth arrest and blockage of endocytosis in *Aspergillus nidulans* and *Saccharomyces cerevisiae*. 9th International Mycological Congress (IMC9: *the Biology of Fungi*), Edinburgh, Scotland.
3. **C. Gournas**, E. Saliba, and B. André. 2015. Signals and mechanisms promoting ubiquitylation and endocytosis of yeast amino acid permeases. 33th Smyte (Small Meeting on Yeast Transport and Energetics), Lisbon, Portugal.
4. C. Gournas and B. André. 2015. The molecular logic of substrate-mediated transporter ubiquitylation and endocytosis. Cell Biology of Yeasts meeting, Cold Spring Harbor Laboratory, NY, USA.
5. **C. Gournas**, M. Cools, E. Saliba, E-M. Krammer, I. Georis, M. Prévost and B. André. 2016. Arginine transport in yeast: so much to explore further after fifty years of research. 34th Smyte (Small Meeting on Yeast Transport and Energetics), Chania, Greece.
6. C. Gournas, S. Gkionis, L. Twyffels and B. André. 2016. Conformation-regulated lateral segregation of the Can1 permease. 34th Smyte (Small Meeting on Yeast Transport and Energetics), Chania, Greece.
7. M. Carquin, **C. Gournas**, C. Jauniaux, B. André and D. Tyteca. 2016. Segregation of fluorescent ceramide analogs into submicrometric domains at the yeast surface and relationship with proteins. 57<sup>th</sup> International conference on the bioscience of lipids, Chamonix - Mont Blanc, France.
8. Gournas C, Gkionis S, Carquin M, Twyffels L, Tyteca D, André B. 2018. Sphingolipid- and Conformation-dependent Partitioning of Yeast Transporters into Starvation-protective Membrane Domains. Proteostatic Mechanisms in Health and Disease, The Final COST Action BM1307 Meeting, Athens, Greece.
9. Gournas C, Gkionis S, Carquin M, Twyffels L, Tyteca D, André B. 2018. Conformation-dependent partitioning of nutrient transporters into endocytosis-protective membrane domains. Lysosomes and Endocytosis Gordon's Conference, Proctor Academy, Boston, USA.

## REPORTS IN INTERNATIONAL CONFERENCES

1. G. Diallinas, S. Amillis, A. Vlanti, S. Goudela, N. Lemuh, **C. Gournas** and A. Pantazopoulou. 2006. Purine transporters: cellular expression and transporter-substrate interactions. Proceedings of the 24<sup>th</sup> International Meeting on Yeast Transport and Energetics (SMYTE), Prague, Czech Republic.
2. C. Gournas, S. Amillis, A. Vlanti and G. Diallinas. 2008. Regulation of a purine transporter by endocytosis: activity dependent and ammonium induced endocytic pathways converge at a c-tail Ub acceptor Lys. 26th Smyte (Small Meeting on Yeast Transport and Energetics), Braga, Portugal.
3. F. Borbolis, **C. Gournas**, M. Karachaliou, D. Hatzinikolaou, A. Pantazopoulou, and G. Diallinas. 2008. A cryptic role of uric acid metabolism and intercellular transport in fungal development

reveals analogies with metazoa. 26th Smyte (Small Meeting on Yeast Transport and Energetics), Braga, Portugal.

4. S. Amillis, A. Vlanti, **C. Gournas** and G. Diallinas. 2008. Substrate- and ammonium-induced endocytosis down-regulate the UapA purine transporter through ubiquitination. Final Eurofungbase Meeting, LSSG-CT-2005-018964, San Feliu de Guixols, Spain.
5. F. Borbolis, M. Karachaliou, **C. Gournas**, D. Hatzinikolaou, A. Pantazopoulou, and G. Diallinas. 2008. A cryptic role of uric acid metabolism and intercellular redistribution in *Aspergillus nidulans* development. Final Eurofungbase Meeting, LSSG-CT-2005-018964, San Feliu de Guixols, Spain.
6. A. Athanasopoulos, P. Geranios, **C. Gournas**, H. Boleti and V. Sophianopoulou. 2012. Eisosomes in the sexual cycle of *Aspergillus nidulans*. Proceedings of the International Conference on Membrane Domains - Dijon Domains, Dijon, France.
7. **C. Gournas** and V. Sophianopoulou. 2014. PrnB, the proline transporter of *Aspergillus nidulans*: a paradigm of the substrate translocation mechanism of fungal amino acid transporters. 12th European Conference on fungal genetics. Seville, Spain.
8. **C. Gournas** and B. André. 2015. Role of ubiquitylation in lateral plasma membrane distribution of the yeast arginine permease Can1. Mechanisms and functions of membrane compartmentalization workshop. Muenster, Germany.
9. **C. Gournas** and B. André. 2016. The molecular logic of substrate-mediated transporter ubiquitylation and endocytosis. Lysosomes and Endocytosis Gordon's Conference, Proctor Academy, Boston, USA.
10. A Biratsi, **C Gournas** and V Sophianopoulou. *Aspergillus nidulans* is able to detoxify and catabolize the toxic proline analogue, L-azetidine-2-carboxylic acid. FEBS JOURNAL 283, 372-372.
11. A. Biratsi, **C. Gournas** and V. Sophianopoulou. 2016. *Aspergillus nidulans* is able to detoxify and to utilize L-Azetidine-2-carboxylic acid as poor nitrogen source. 34th Smyte (Small Meeting on Yeast Transport and Energetics), Chania, Greece.
12. **C Gournas**, S Gkionis, M Carquin, L Twyffels, D Tyteca, B André. Conformation-regulated lateral plasma membrane segregation of the yeast Can1 transporter. Molecular and Cell Biology of Membranes EMBO symposium, May 2017, Heidelberg, Germany.
13. JV Busto, A Elting, F Spira, D Haase, J Kuhlmann, M Schafer-Herte, **C Gournas**, B André, C Schubert, R Wedlich-Soldner. Regulation of amino acid permeases by lateral segregation and turnover. Molecular and Cell Biology of Membranes EMBO symposium, May 2017, Heidelberg, Germany.
14. **C. Gournas**, E.-M. Krammer, S. Gionis, L. Twyffels, M. Prévost, B. André. Substrate Transport-Induced Exit from Eisosomes, Ubiquitylation and Endocytosis of Yeast Can1 Arginine Permease. 28th International Conference on Yeast Genetics and Molecular Biology, August 2017, Prague, Czech Republic.
15. **C Gournas**, S Gkionis, M Carquin, L Twyffels, D Tyteca, B André. Conformation-dependent partitioning of yeast membrane transporters into starvation-protective membrane domains. 2017 ASCB / EMBO meeting, December 2017, Philadelphia, USA.

## REPORTS IN NATIONAL CONFERENCES

1. **C. Gournas**, A. Vlanti, H. Pitsouli, S. Amillis, C. Delidakis and G. Diallinas. 2006. Expression of a *Drosophila* NAT homologue in *A. nidulans*. 28<sup>th</sup> Conference of the Hellenic Society of Biological Sciences, Ioannina, Greece
2. I. Papageorgiou, **C. Gournas**, A. Pantazopoulou, S. Amillis, A. Vlanti and G. Diallinas. 2007. Towards the past through genetic disruption of intramolecular synergism in the nucleobase-ascorbate transporter family. Proceedings of the 59th Scientific Conference of the Hellenic Society of Biochemistry & Molecular Biology, Athens, Greece.
3. M.E. Galinou, F. Borbolis, **C. Gournas** and G. Diallinas. 2009. *In vivo* subcellular localization of purine catabolic enzymes in a model eukaryote. 31<sup>th</sup> Conference of the Hellenic Society of Biological Sciences, Patra, Greece.

4. A. Pavlides, S. Amillis, V. Paspaliaris, G. Diallinas and **C. Gournas**. 2009. Mediators of transporter endocytosis in *A. nidulans*: the protagonist role of HulA ubiquitin ligase. 31<sup>th</sup> Conference of the Hellenic Society of Biological Sciences, Patra, Greece.
5. V. Bitsikas, M. Karachaliou, **C. Gournas**, A. Pavlides and G. Diallinas. 2010. Hypertonic conditions trigger transient plasmolysis, growth arrest and blockage of endocytosis in *Aspergillus nidulans* and *Saccharomyces cerevisiae*. 32<sup>th</sup> Conference of the Hellenic Society of Biological Sciences, Karpenisi, Greece
6. **C. Gournas**, S. Amillis, A. Vlanti and G. Diallinas. 2010. Dynamic structural conformations of the uric acid-xanthine transporter, UapA, during its transport cycle direct its endocytosis and degradation. Proceedings of the 61<sup>th</sup> Scientific Conference of the Hellenic Society of Biochemistry & Molecular Biology, Athens, Greece.
7. S. Amillis, M. Karachaliou, V. Kosti, V. Giallelis, A. Vlanti, **C. Gournas** and G. Diallinas. 2011. Signals and mechanisms of membrane cargo trafficking and endocytosis in a model fungal system. Proceedings of the 62<sup>th</sup> Scientific Conference of the Hellenic Society for Biochemistry & Molecular Biology, Athens, Greece.
8. **C. Gournas** and V. Sophianopoulou. 2013. Unraveling the transport mechanism of fungal amino acid transporters: the paradigm of the PrnB proline permease. Proceedings of the 64<sup>th</sup> Scientific Conference of the Hellenic Society for Biochemistry & Molecular Biology, Athens, Greece.
9. A. Athanasopoulos, **C. Gournas** and V. Sophianopoulou. 2015. Characterization of AnNce102 and its role in eisosome stability and sphingolipid biosynthesis. 6<sup>th</sup> conference of the Hellenic Society Mikrobiokosmos, Athens, Greece.
10. A. Biratsi, **C. Gournas** and V. Sophianopoulou. 2015. A toxic analogue of proline, L-Azetidine-2-carboxylic acid, is detoxified and catabolized by the filamentous fungus *Aspergillus nidulans*. 6<sup>th</sup> Conference of the Hellenic Society Mikrobiokosmos, Athens, Greece.

#### PARTICIPATION IN INTERNATIONAL SCHOOLS

**C. Gournas**, I. Papageorgiou, S. Amillis, A. Vlanti, V. Kosti, A. Pantazopoulou and G. Diallinas. 2008. A two-step mechanism for substrate selection, binding and transport of uric acid by a highly specific transporter. International School of Biophysics «Antonio Borsellino», 39<sup>th</sup> course: Channels and Transporters, Ettore Majorana Foundation and Centre for Scientific Culture, Erice, Sicily, Italy, 11-19 May 2008.

#### REVIEWER IN PEER INTERNATIONAL JOURNALS

Scientific reports, Molecular Microbiology

#### LECTURES - SEMINARS

2018. Seminar in the Department of Pharmacy, Université Libre de Bruxelles, entitled: “Conformation-dependent control of yeast nutrient transporters: substrate-induced ubiquitylation and partitioning into starvation-protective plasma membrane domains”.

2018. Seminar in the Institut de Biologie et de Médecine Moléculaires, Université Libre de Bruxelles, entitled: “Conformation-dependent control of yeast nutrient transporters: substrate-induced ubiquitylation and partitioning into starvation-protective plasma membrane domains”.

2017. Lecture, scheduled for December 2017, in the course «Model organisms in biological research» of the postgraduate program «Microbial biotechnology», Department of Biology, National and Kapodistrian University of Athens.

2016. Seminar entitled «The molecular logic of substrate-mediated transporter ubiquitylation and endocytosis », for the Matinées de Microbiologie seminars of the Institut de Biologie et de Médecine Moléculaires, Université Libre de Bruxelles (ULB).

2012. Lecture in the NCSR “Demokritos” Summer School, entitled: “Organization and function of the plasma membrane: the contribution of model microbial organisms”. Abstract book of the NCSR “Demokritos” Summer School 2012, pages 119-120.