

Stamatis Rigas



Assistant Professor in Plant Development

Contact

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Personal

Date of birth: 12.01.1973; Greek citizen; married with two children

Research Interests

My interests are focused on the understanding of the molecular networks that modulate cell fate, plant organ morphogenesis and plant response to endogenous signals or environmental stimuli. A genetic screen of an EMS mutagenized seed population of the plant model *Arabidopsis thaliana* was performed to identify mutants with developmental defects in primary growth. This screen of 40,000 individuals led to the generation of a mutant collection with abnormal primary root and stunted overall growth. In particular, certain mutations are involved in plant organelle biogenesis, maintenance and function like the *lon* mutants regarding mitochondria or *leukothea* mutant for plastids. The *thanatos* mutation in *AtCesA3* has a dominant-negative effect on cellulose synthesis and plant growth. However, there are mutants like *mosaic* for which the molecular locus remains unidentified as yet. The aim is to decipher how each corresponding gene is involved in mechanisms that modulate plant development. We apply for this task state-of-the-art technologies that include functional genomics, proteomics or metabolomics in collaboration with leading edge international research groups.

Education & Training

1990-1996 Agricultural University of Athens, Greece B.Sc. - Agricultural Biotechnology
1996-2001 Agricultural University of Athens, Greece Ph.D. - Molecular Biology
1997 John Innes Centre, Norwich, UK Ph.D. - Cellular & Developmental Biology
2003-2005 Agricultural University of Athens, Greece Post-doctoral Fellow - Molecular Biology
2005 Freiburg University, Germany Post-doctoral Fellow - Cellular & Developmental Biology

Academic Positions

2003-2005 Research Associate, Agricultural University of Athens, Greece
2005-2013 Lecturer in Plant Development, Agricultural University of Athens, Greece
2013-present Assistant Professor in Plant Development, Agricultural University of Athens, Greece

Teaching activities

Courses for undergraduate students: Cell Biology; Plant Physiology & Biochemistry; Plant Developmental Biology
Seminars for postgraduate students: Cell Biology; Model Organisms in Plant Biology

Honours, Awards & Fellowships

06.1995-09.1995 Undergraduate short term training fellowship, Brassica and Oilseeds Research Department, John Innes Centre, Norwich UK. Supervisor: Prof Dr. Dennis J. Murphy
01.1996-06.2001 Greek State Scholarships Foundation Award for Ph.D., Supervisor: Prof Dr. Polydefkis Hatzopoulos
06.1997-12.1997 PTP short term training fellowship, Cell & Developmental Biology Department, John Innes Centre, Norwich UK. Title: "Characterization of *TRH1* locus in *Arabidopsis thaliana*, a gene involved in root hair formation", Supervisor: Prof Dr. Liam Dolan
01.2003-12.2003 Greek State Scholarships Foundation Award for post-doctoral researcher
01.2005-04.2005 EMBO Short Term Fellowship, University of Freiburg, Germany. Title: "Subcellular localization of the *Arabidopsis TRH1* K⁺ transporter and quantitative gene expression analysis in root hair defective mutants", Supervisor: Prof Dr. Klaus Palme

Conferences & Meetings

42nd FEBS Congress: From molecules to cells and back, Jerusalem, Israel, September 10-14, 2017.

"Origin and diversification of Lon protease in plants"

68th Congress of the Hellenic Society of Biochemistry and Molecular Biology, Athens, November 10-12, 2017

"Functional divergence and origin of Lon protease in plants"

EMBO Workshop: New model systems for early land plant evolution, Vienna, Austria, June 22-24, 2016. **"Exploring the unknown: Developmental flexibility of root system architecture in response to edaphic conditions"**

EMBO Practical Course: Computational analysis of protein-protein interactions: Sequences, networks and diseases, Budapest, Hungary, May 30- June 4, 2016.

"Complexity of LEFKOTHEA protein targeting in nucleus and chloroplast"

EMBO Practical Course: Insights into plant biological processes through phenotyping, Ghent & Louvain-la-Neuve, Belgium, September 13-19, 2015.

"Complexity of LEFKOTHEA protein trafficking in nucleus and chloroplast"

26th International Conference on Arabidopsis Research, Paris, France, July 5-9, 2015.

"A Cistus creticus WD40-repeat protein is the functional homologue of Arabidopsis thaliana TTG1 and interacts with SPL transcription factors"

26th International Conference on Arabidopsis Research, Paris, France, July 5-9, 2015.

"Complexity of LEFKOTHEA protein targeting in nucleus and chloroplast"

The Plant Biology Europe FESPB/ EPSO 2014 Congress, Dublin, Ireland, June 22-26, 2014.

"TRH1 forms homodimers regulating root hair morphogenesis autonomously of the intrinsic developmental pathway"

The Plant Biology Europe FESPB/ EPSO 2014 Congress, Dublin, Ireland, June 22-26, 2014. **"Arabidopsis Lon1 and Lon4 proteases evolved complementary subsets of regulatory components for dual targeting to mitochondria and chloroplasts"**

8th International Conference for Plant Mitochondrial Biology-ICPMB, Rosario, Argentina, May 12-16, 2013.

Oral presentation: "The Lon story short: Significance and evolution of dual-targeting domains in plants"

Plant Biology Congress Freiburg 2012, Freiburg, Germany, July 29-August 3, 2012.

"Distal and proximal effects of auxin misbalance in the Arabidopsis root apex"

Plant Biology Congress Freiburg 2012, Freiburg, Germany, July 29-August 3, 2012.

"The subcellular localization of Arabidopsis Lon1 protease to mitochondria and chloroplasts reveals the evolution of dual-targeting domains in plants"

EMBO Conference Series: Plant development and environmental interactions, Matera, Italy, May 27-30, 2012.

"Root gravitropism and root-hair development require auxin transport optimum in root epidermis"

EMBO Conference Series: Protein Synthesis and Translational Control, EMBL Heidelberg, Germany, September 7-11, 2011.

"The twin N-terminal presequences determine dual-targeting of Arabidopsis Lon1 protease to mitochondria and chloroplasts by alternative translation initiation"

FEBS Workshop: PLANT ORGANELLAR SIGNALING "From Algae to Higher plants", Primošten, Croatia, August 31-September 3, 2011.

"The twin N-terminal presequences of Arabidopsis Lon1 protease results in dual organellar targeting implying evolutionary diversity"

International Conference for Plant Mitochondrial Biology 2011, ICPMB 2011

Hessen-Hohenroda, Germany, May 14-19, 2011

"Differential usage of two in-frame AUGs of Arabidopsis Lon1 protease for alternative organelle targeting reveals evolutionary diversity"

EMBO Conference Series, "PROTEIN TRANSPORT SYSTEMS Structures, mechanisms and medical aspects"

Santa Margherita di Pula, Italy, April 16-20, 2011

Oral presentation: "Complexity of Arabidopsis thaliana Lon1 protease dual targeting by differential initiation of translation"

The 1st International conference on PLANT PROTEASES 2011, "From biology to biotechnology"

Hemavan, Sweden, April 10-14, 2011

Oral presentation: "Complexity of Arabidopsis thaliana Lon1 protease dual targeting to chloroplasts and mitochondria by differential usage of two in-frame AUGs"

XVII Congress of the Federation of European Societies of Plant Biology (FESPB 2010)

Valencia, Spain, July 4-9, 2010

"Complexity of Arabidopsis thaliana Lon1 protease dual targeting by differential initiation of translation"

XVII Congress of the Federation of European Societies of Plant Biology (FESPB 2010)

Valencia, Spain, July 4-9, 2010

"4F Crops"

XVII Congress of the Federation of European Societies of Plant Biology (FESPB 2010)

Valencia, Spain, July 4-9, 2010

"Crops2Industry"

EMBO Conference Series on Protein Synthesis and Translational Control

EMBL Heidelberg, Germany, September 9-13, 2009

"Dual targeting of Arabidopsis Lon1 protease to mitochondria and chloroplasts by alternative translation initiation"

20th International Conference on Arabidopsis Research

Edinburgh, Scotland, United Kingdom, 30th June-4th July, 2009

"The multifaceted role of Lon protease in organelle biogenesis and post-germinative growth of Arabidopsis thaliana"

Proteomlux 2008: International Conference on Proteomics in Plants, Microorganisms and Environment

(COST Action FA 0603)

Centre de Recherche Public-Gabriel Lippmann, Luxembourg, October 22-25, 2008

"Biotechnological sorting of peach (*Prunus persica* (L.) Batsch) varieties: a proteomics approach towards vegetative and floral bud development"

XVI Congress of the Federation of European Societies of Plant Biology (FESPB 2008)

Tampere, Finland, August 17-22, 2008

"Post-germinative growth in Arabidopsis is attributed to the implication of Lon1 selective proteolysis in mitochondria biogenesis"

Stamatis Rigas¹, Gerasimos Daras¹, Miriam Laxa², Nikolas Marathias¹, Constantinos Fasseas¹, Lee J.

19th International Conference on Arabidopsis Research

Montreal, Canada, July 23-27, 2008

Oral presentation: "Semidominant-negative CesA3 mutant in Arabidopsis inhibits primary cell wall formation"

33RD FEBS Congress - 11TH IUBMB Conference on "Biochemistry of Cell Regulation"

Megaron Athens International Conference Centre, Athens, Greece, June 28 - July 3, 2008

"Biotechnological sorting of peach (*Prunus persica* (L.) Batsch) varieties: a proteomics approach towards vegetative and floral bud development"

33RD FEBS Congress - 11TH IUBMB Conference on "Biochemistry of Cell Regulation"

Megaron Athens International Conference Centre, Athens, Greece, June 28 - July 3, 2008

"thanatos mutation in CesA3 gene exhibits a nonconditional semidominant-negative phenotype on Arabidopsis primary cell wall formation"

Plant Proteomics in Europe (COST Action FA 0603)

University of Córdoba, Spain, February 6-8, 2008

Oral presentation: "Bud proteome analysis in peach (*Prunus persica* (L.) Batsch) during vegetative and floral development"

Plant Transport Group Meeting

Imperial College London, Wye Campus Ashford, Kent, UK, September 4-6, 2006

"Growth retardation of an Arabidopsis mitochondrial Lon gene homolog mutant"

Plant Transport Group Meeting

Imperial College London, Wye Campus Ashford, Kent, UK, September 4-6, 2006

"Potassium transporters and plant development"

Society for Experimental Biology Annual Main Meeting

Universitat Autònoma de Barcelona, Barcelona, Spain, 11th-15th July 2005

"Potassium transporter TRH1 is required for epidermis development and auxin transport in Arabidopsis roots"

Society for Experimental Biology Annual Main Meeting

Universitat Autònoma de Barcelona, Barcelona, Spain, 11th-15th July 2005

"Potassium transporters shape the plant. How and why?"

Merewyn K. Ashley¹, Francisco M. Vicente-Agullo¹, **Stamatis Rigas²**, Polydefkis Hatzopoulos², Liam Dolan³ and Alexander Grabov¹

Auxin 2004

Kolympari Crete, Greece, May 22-27, 2004

"Potassium transporter TRH1 is required for auxin transport in Arabidopsis roots"

7th International Congress on Plant Molecular Biology

Barcelona, Spain, June 23-28, 2003

"Genetic analysis of trh1 mutation"

13th Congress of the Federation of European Societies of Plant Physiology

Hersonissos, Heraklion, Crete, Greece, September 2-6, 2002

"Comprehensive study of expression of the Arabidopsis ATHS90 gene family"

XIII International Conference on *Arabidopsis* Research
Seville, Spain, June 28-July 2, 2002

"Potassium transporter TRH1 functions as a regulator of auxin transport in Arabidopsis roots"

3rd European Plant Embryogenesis Network Meeting.
Wageningen, The Netherlands, November 29-30, 1999

"Morphogenetic capacity of the TRH1 potassium transporter"

Stamatis Rigas^{1,2}, Liam Dolan² and Polydefkis Hatzopoulos¹.

2nd European Plant Embryogenesis Network Meeting.
Barcelona, Spain, November 19-21, 1998

"TRH1 encodes a potassium transporter required for tip growth in Arabidopsis root hairs"

1st European Plant Embryogenesis Network Meeting.
Wageningen, The Netherlands, December 1-3, 1997

"TRH1 a putative potassium transporter necessary for root hair elongation in Arabidopsis thaliana"

6th International Conference, "Perspectives on Protein Engineering."
John Innes Centre, Norwich, UK, 28 June-1 July, 1997

Courses & Workshops

"II Workshop on Twinning opportunities in Soil, Plant and Food research between the European Union, Argentina and MERCOSUR"

Athens, Greece, June 30 & July 1, 2010

NATO Advanced Research Workshop, "Cell Biology of Plant and Fungal Tip Growth"

Siena, Italy, June 19-23, 2000

American Society of Plant Physiologists sponsored workshop in Greece on "Plant Sciences perspectives beyond 2000"

Mediterranean Agronomic Institute of Chania, Greece, July 5-16, 1999.

EMBO practical course "Genetic and Molecular Analysis of Arabidopsis"

CNRS, Institute Des Sciences Vegetales, Gif Sur Yvette, France, May 23-June 11, 1999.

EMBO practical course "Genome Diversity and Genome Expression in Plants"

Department of Genetics, University of Gent, Belgium, August 4-20, 1997.

Publications (h-index: 12; citations: >605)

Hong H.P., Ross J.H., Gerster J.L., Rigas S., Datla R.S., Hatzopoulos P., Scoles G., Keller W., Murphy D.J. and Robert L.S. (1997) Promoter sequences from two different *Brassica napus* tapetal oleosin-like genes direct tapetal expression of beta-glucuronidase in transgenic *Brassica* plants" [Plant Molecular Biology](#) **34**: 549-555.

Rigas S., Debrosses G., Haralampidis K., Vicente-Agullo F., Feldmann K.A., Grabov A., Dolan A. and Hatzopoulos P. (2001) TRH1 encodes a potassium transporter required for tip growth in *Arabidopsis* root hairs. [Plant Cell](#) **13**: 139-151.

Beis D., Argiros S., Milioni D., Rigas S., Haralampidis K., Samakovli D., Douka A. and Hatzopoulos P. (2002) Sequence analysis of 66.5Kb region of the chromosome IV from *Arabidopsis thaliana*. *Genome Sequencing & Comparative Analysis*, Thessaloniki, University Studio Press: 107-117.

Haralampidis K., Milioni D., Rigas S. and Hatzopoulos P. (2002) Combinatorial interaction of cis elements specify the expression of the *Arabidopsis* *AtHsp90-1* gene. [Plant Physiology](#), **129**: 1138-1149.

Debrosses G., Josefsson C., Rigas S., Hatzopoulos P. and Dolan L. (2003) *AKT1* and *TRH1* are required during root hair elongation in *Arabidopsis*. [Journal of Experimental Botany](#), **54**: 781-788.

Vicente-Agullo F., Rigas S., Desbrosses G., Dolan L., Hatzopoulos P., Grabov A. (2004) Potassium carrier TRH1 is required for auxin transport in *Arabidopsis* roots. [Plant Journal](#) **40**: 523-535.

Grabov A., Ashley M.K., Rigas S., Hatzopoulos P., Dolan L., Vicente-Agullo F. (2005) Morphometric analysis of root shape. [New Phytologist](#) **165**: 641-651.

Rigas S., Daras G., Laxa M., Marathias N., Fasseas C., Sweetlove L.J. and Hatzopoulos P. (2009) The role of Lon1 protease in post-germinative growth and maintenance of mitochondrial function in *Arabidopsis thaliana*. [New Phytologist](#) **181**: 588-600.

Comment in: [New Phytologist](#) 2009: **181**: 505-508.

"Long bugs to short plants-the Lon protease in protein stability and thermotolerance"

Taylor NL, Millar AH.

Daras G., Rigas S., Penning B., Milioni D., McCann M.C., Carpita N.C., Fasseas C. and Hatzopoulos P. (2009) The *thanatos* mutation in *Arabidopsis cellulose synthase 3 (AtCesA3)* has a dominant-negative effect on cellulose synthesis and plant growth. [New Phytologist](#) **184**: 114-126.

- Rigas S.**, Daras G., Sweetlove L.J. and Hatzopoulos P. (2009) Who dares to live for ever? Mitochondria biogenesis via Lon1 selective proteolysis. *Plant Signaling & Behavior* **4**:221-224. **Invited addendum.**
- Banilas G., Daras G., **Rigas S.**, Moloney M.M. and Hatzopoulos P. (2011) Oleosin di-or tri-meric fusions with GFP undergo correct targeting and provide advantages for recombinant protein production. *Plant Physiol Biochem* **49**:216-222.
- Prassinou C., **Rigas S.**, Kizis D., Vlahou A. and Hatzopoulos P. (2011) Subtle proteome differences identified between post-dormant vegetative and floral peach buds. *J Proteomics* **74**:607-619.
- Rigas S.**, Daras G., Tsitsekian D. and Hatzopoulos P. (2011) The multifaceted role of Lon proteolysis in seedling establishment and maintenance of plant organelle function: Living from protein destruction. *Physiol Plant* **145**: 215-223.
- Rigas S.**, Ditegou F.A., Ljung K., Daras G., Tietz O., Palme K., and Hatzopoulos P. (2013) Root gravitropism and root hair development constitute coupled developmental responses regulated by auxin homeostasis in the Arabidopsis root apex. *New Phytologist* **197**: 1130-1141.
Comment in: *New Phytologist* 2013: **197**: 1027-1028.
"Pointing PINs in the right directions: a potassium transporter is required for the polar localization of auxin efflux carriers"
Dolan L.
- Panteris E., Adamakis I.D., Daras G., Hatzopoulos P., and **Rigas S.** (2013) Differential responsiveness of cortical microtubule orientation to suppression of cell expansion among the developmental zones of Arabidopsis thaliana root apex. *PLoS One* **8**: e82442
- Daras G., **Rigas S.**, Tsitsekian D., Zur H., Tuller T., and Hatzopoulos P. (2014) Alternative Transcription Initiation and the AUG Context Configuration Control Dual-Organellar Targeting and Functional Competence of Arabidopsis Lon1 Protease. *Mol Plant* **7**:989-1005.
- Panteris E., Adamakis I.D., Daras G., **Rigas S.** (2014) Cortical microtubule patterning in roots of Arabidopsis thaliana primary cell wall mutants reveals the bidirectional interplay with cell expansion. *Plant Signal Behav* **9**(4). pii: e28737.
- Rigas S.**, Daras G., Tsitsekian D., Alatzas A., Hatzopoulos P. (2014) Evolution and significance of the Lon gene family in Arabidopsis organelle biogenesis and energy metabolism. *Front Plant Sci.* **5**: 145.
- Daras G., **Rigas S.**, Tsitsekian D, Iacovides T.A., Hatzopoulos P. (2015) Potassium transporter TRH1 subunits assemble regulating root-hair elongation autonomously from the cell fate determination pathway. *Plant Sci.* **231**: 131-137.
- Koudounas K., Banilas G., Michaelidis C., Demoliou C., **Rigas S.**, Hatzopoulos P. (2015) A defence-related Olea europaea β -glucosidase hydrolyses and activates oleuropein into a potent protein cross-linking agent. *J. Exp. Bot.* **66**: 2093-2106.
- Margaritopoulou T., Roka L., Alexopoulou E., Christou M., **Rigas S.**, Haralampidis K., Milioni D. (2016) Biotechnology towards energy crops. *Mol. Biotechnol.* **58**: 149-158.
- Ioannidi E., **Rigas S.**, Tsitsekian D., Daras G., Makris A., Argiriou A., Poethig S., Hatzopoulos P., Kanellis K.A. (2016) Trichome patterning control involves TTG1 interaction with SPL transcription factors. *Plant Mol. Biol.* **92**: 675-687.
- Books**
"Plant Molecular and Developmental Biology"
Kalantidis K., Milioni D., Papadopoulou K., **Rigas S.**, Roussis A., Haralampidis K. and Hatzopoulos P., Embryo Publications 2009, Athens, Greece, ISBN: 978-960-8002-46-3
- Participation in research grants & funding acquisition**
- Optimization of the production of propagative material of vegetable crops and plant protection management in the greenhouses with biological and biotechnological methods [GSRT (ΕΥΔΕ-ΕΤΑΚ), No. Τ1ΕΔΚ-04142, "ΕΡΕΥΝΩ-ΔΗΜΙΟΥΡΓΩ-ΚΑΙΝΟΤΟΜΩ"] Duration: 2018-2020
 - Deciphering the role of polar auxin transport in plant root system response to environmental stresses [IKY Greece-Germany bilateral grant (IKY-DAAD 2016)] Duration: 2016-2018
 - European network to integrate research on intracellular proteolysis pathways in health and disease (PROTEOSTASIS) [COST Action BM1307] Duration: 2014-2018
 - Molecular analysis and biotechnological applications of olive enzymes synthesizing phenolic compounds with antioxidant activity [Cyprus Scientific Projects, HEALTH/FOOD/0609(BE)/03] Duration: 30/04/2011-29/04/2014
 - A systems approach into the production of plant and algal diterpenes with high industrial and pharmaceutical value-SysTerp [GSRT-ΕΣΠΑ (ΕΣΠΑ) 2007-2013, No. 09ΣΥΝ-23-879, SYNERGASIA (ΣΥΝΕΡΓΑΣΙΑ Ι)] Duration: 2011-2014
 - Non food crops for a European bio-based industry and sustainable agriculture [FP7-EC/ Call: KBBE-2008-3-1-03] Duration: 9/2009 – 9/2012
 - Plant proteomics in Europe (EuPP) [COST Action FA 0603-EC] Duration: 3/2007-3/2011

- Developmental Signaling Pathways Determining the Beginning and the End of Plant's Life Cycle (BELiCy). [GSRT-ARISTEIA I/ Excellence I Grant No. 1200, Duration: 2012-2015]
- Future Crops for Food, Feed, Fiber and Fuel [FP7-EC/ Call: FP7-KBBE-2007-1] Duration: 6/2008-6/2010
- Auxin dependent mechanisms modulating root hair morphogenesis in Arabidopsis thaliana [IKY Greece-Germany bilateral grant (IKY-DAAD 2007)] Duration: 2007-2008
- Genomics in peach tree architecture [GSRT/ No.18/05DSBEPPO-31] Duration: 2005-2007
- Mechanisms of signal transduction in cell differentiation and plant growth [Ministry of Education and Religious Affairs/ PYTHAGORAS II] Duration: 2005-2007
- Genes and Environment: Plant and insect response to acute environmental conditions and Molecular Ecology [Ministry of Education and Religious Affairs/ PYTHAGORAS I] Duration: 2004-2007
- Molecular analysis and functional involvement of genes and proteins during differentiation, heat tolerance and ion transfer (tolerance in high salinity) [GSRT/ ΠΕΝΕΔ-01ΕΔ148-2001] Duration: 2002-2007
- Molecular and cellular mechanisms of tip growth in plant cells-Tip-growth In Plants: from Nucleus to Expanding Tip-TIPNET [EU-HPRN-CT-2002-00265] Duration: 2002-2004

Commissions of trust

Scientific journals: Reviewer for international peer-reviewed journals including: African Journal of Biotechnology, Molecular Plant (IF: 6.126), Physiologia Plantarum (IF: 3.656), Plant Biology (IF: 2.32), PLOS One (IF: 3.534), Plant and Soil (IF: 3.235), Frontiers in Plant Science (IF: 4.495), Journal of Biological Research-Thessaloniki (IF: 0.574), The Journal of Horticultural Science & Biotechnology (IF: 0.458), International Journal of Molecular Sciences (IF: 3.226), Journal of Plant Physiology (IF: 3.121), Computational Biology & Chemistry (IF: 1.331)

Fellowships:

- Reviewer of fellowships
- * State Scholarships Foundation (IKY), MSc program 2012
- * State Scholarships Foundation (IKY), PhD program 2012

Grants:

- Reviewer of research proposals/General Secretariat for Research and Technology (GSRT)
- * SYNERGASIA (2009)
- * Development Program Industrial Research and Technology (PAVET 2013)
- * Grants for Research & Innovation "Ερευνώ-Δημιουργώ-Καινοτομώ" (2017)

Major collaborations

- Antonia Vlahou, Biomedical Research Foundation Academy of Athens, Greece
- Maureen McCann, Department of Biological Sciences, Purdue University, USA
- Nicholas Carpita, Department of Botany and Plant Pathology, Purdue University, USA
- Lee Sweetlove, Department of Plant Sciences, Oxford University, UK
- Liam Dolan, Department of Plant Sciences, Oxford University, UK
- Alexander Grabov, Division of Biology, Imperial College London, UK
- Tamir Tuller, Department of Biomedical Engineering, Tel Aviv University, Israel
- Klaus Palme, Faculty of Biology, Albert-Ludwigs-University of Freiburg, Freiburg, Germany
- Karin Ljung, Department of Forest Genetics and Plant Physiology, Swedish University of Agricultural Sciences, Sweden
- Scott Poethig, Department of Biology, University of Pennsylvania, Philadelphia, USA
- Panagiotis Moschou, Department of Plant Biology, Swedish University of Agricultural Sciences, Sweden
- Emmanuel Panteris, Department of Botany, Aristotle University of Thessaloniki, Thessaloniki, Greece.
- Catherine Demoliou, University of Nicosia Research Foundation, University of Nicosia, 1700 Nicosia, Cyprus
- Angelos K. Kanellis, Department of Pharmaceutical Sciences, Aristotle University of Thessaloniki, Greece
- Martina Samiotaki, Biomedical Sciences Research Center "Alexander Fleming", Greece
- George Panayotou, Biomedical Sciences Research Center "Alexander Fleming", Greece
- Vardis Ntoukakis, School of Life Sciences, University of Warwick, UK

Memberships of Scientific Societies and Networks

- 2016-present** Member, Research Network "COST Action BM1307-Plant Proteostasis"
- 2016-present** Member, Scientific Society "European Plant Science Organisation (EPSO)"
- 2010-present** Federation of European Societies of Plant Biology (FESPB)
- 2005-present** Hellenic Society of Biochemistry & Molecular Biology (HSBMB) associated with the Federation of European Biochemical Societies (FEBS) and the International Union of Biochemistry and Molecular Biology (IUBMB)