

CURRICULUM VITAE

PERSONAL DETAILS

Name: Elias Anastassopoulos
Home Address: 41500 Terpsithea,
Larisa, Greece.

Date of birth: 14 September 1968
Work address: University of Thessaly,
School of Technology,
Dept. Environmental Sciences,
Gaiopolis, 41110 Larissa, Greece
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EDUCATION

1986-1991 Agricultural University of Athens. BSc Horticulture «Micropropagation in azalea, *Rhododendron simsii*.» Supervisor Associate Professor Charilaos Papaioannou.†

1991-1992 MSc Plant Biotechnology. University of London (Wye College). “Assessment of genetic variation in *Alstroemeria* using random amplified polymorphic DNA, RAPD markers.” Supervisors: Professor John Mansfield and Dr. Michael Keil.

1992-2000 PhD Plant Biology. University of Crete (Heraklion). «Study on eukaryotic ice nucleation. Development of screening method for breeding for frost tolerance in tobacco plants (*Nicotiana tabacum* L.) and isolation of ice nucleation gene of the fungus *Fusarium acuminatum*.» Supervisor: Professor Nicholas Panopoulos.

2000 – 2002 Postdoc University of Crete (Heraklion) Postdoc in biological ice nucleation and plant tolerance to low temperatures, at Professor Nicholas Panopoulos lab.

AFFILIATIONS

Geotechnical Chamber of Greece
Member of the Society for Cryobiology
Member of the American Botanical Society
Member of the Society for Economic Botany
COST Action 871 (terminated in 2010): Member of the Management Committee

SCHOLARSHIPS AND AWARDS

1992-2000 PhD Studentship. Institute of Molecular Biology and Biotechnology.
2000 Society for Cryobiology. Travel grant for Cryo2000, MIT, U.S.A.
2000 University of California (Berkeley), U.S.A. Grant for oral presentation.
2000-2001 IMBB. Postdoc Scholarship.
2012 Amity University, India. Global Achievement Award for Phyllosphere Biology.

PROFESSIONAL EXPERIENCE

2007-2010 Εθνικός Εκπρόσωπος COST Action 871, E.E.
2015 Co-Chair Session Cryobiology, International Congress of Refrigeration Yokohama, Japan
2019-2020 Collaborator REBIRTH Cluster of Excellence, Leibniz Universität Hannover, Germany

TEACHING EXPERIENCE

Undergraduate Programms

1992 – 1997	Teaching Assistant in Genetics, TEI Crete,(Heraklion)
1999 - 2002	Teaching Assistant in Plant Breeding, TEI Crete,(Heraklion)
2003 –2013	Assistant Professor in Biotechnology, TEI Larissas
2013–2017	Associate Professor in Biotechnology, TEI Thessaly
2018-2019	Professor Biotechnology, TEI Thessaly
2019-Today	Professor Biotechnology, University of Thessaly

Postgraduate Programs

2016-2017	"Modern Technologies in the Primary Sector and Environmental Management"
TEI Thessaly	Course: Greek Agriculture and Innovation: Past, Present and Future.
2016-2018	"Modern Technologies in the Primary Sector and Environmental Management"
TEI Thessaly	Course: Biotechnology of Aromatic and Medicinal Plants.
2017-2019	"Integrated Management of Aromatic and Medicinal Plants"
TEI Thessaly	Course: Production of Propagating Material, Breeding and Identification of Aromatic and Medicinal Plants.

OTHER EDUCATIONAL WORK

Anastasopoulos Elias et al. (2001) Genetics Laboratory Exercises, TEI of Heraklion

Anastasopoulos Elias (2004) Genetics Notes, TEI of Larissa

Anastasopoulos Elias (2004) Genetics Laboratory Exercises, TEI of Larissa

Anastasopoulos Elias (2005) Biotechnology Notes, TEI of Larissa

Anastasopoulos Elias (2005) Biotechnolog Laboratory Exercises,, TEI of Larissa

BOOK REVIEWS

1. DNA Fingerprinting in Plants. Principles, Methods and Applications 2nd Edition, by Weising, Nybom, Wolff and Kahl. Econ. Bot. (March 2006) 60: 97.
2. The origins of genome architecture. Edited by Lynch Econ. Bot.(June 2008) 62: 199-200.
3. Fungi from Different Environments. Edited by Misra, J.K and Deshmukh, S.K. Econ. Bot. (June 2011) 65:237.

SCIENTIFIC JOURNAL REVIEWER

- Gene ISSN: 0378-1119; Impact Factor: 2.638 (2018)
- Atmosphere ISSN 2073-4433; Impact Factor: 2.046 (2018)

EDUCATIONAL COLLABORATIONS (ERASMUS)

Vicente Castell, Universidad Politcnica de Valencia, Spain

Jaime Prohens, Universidad Politcnica de Valencia Spain

Brian Grout, University of Copenhagen, Denmark

ADMINISTRATIVE WORK AT THE TEI AND THE UNIVERSITY OF THESSALY

- 2006-2007 Deputy Head of Plant Protection Department STEG TEI Larissa
- 2008-2010 Head (Biotechnology), Technological Research Center (KTE) Thessaly

- 2017-2019 Vice President, Department of Medical Laboratories, TEI Thessaly
- (Parental Leave 24-9-2018 to 28-2-2019)
- 2014-2020 Representative of TEI of Thessaly in the Thematic Working Group "Research -Technological development - Innovation »RIS Thessaly
- Curriculum adjustment committee for the ERASMUS program
- Establishment of Biotechnology laboratory within the framework of the program E.I.E.A.E.K. II "Additional equipment of the Department of Crop Production of Larissa."
- Reactivation of the SOCRATES-ERASMUS program
- Member of the purchasing committees of the STEG, evaluation of candidates for scientific and laboratory collaborators, MODIP, alternate member of the Research Committee, etc.

RESEARCH COLLABORATIONS

- Katerinopoulos Haralambos Prof.,Chairman Dept of Chemistry, University of Crete
- Liolios Nikolaos, Professor University of Thessaly
- Ioannis Vassilakoglou, Professor University of Thessaly
- Pavlos Makridis, Assis. Professor, University of Patras
- Papisotiropoulos Vassilios, Assoc. Prof. Univeristy of Patras
- Dimitris Zaragkotas, Dr. Forestry
- Robert Boehm, Director R & D Ornamental Bioscience, Stuttgart, Germany
- John Morris, Director Asymptote Ltd., St Johns Innovation Centre, Cambridge, UK
- Birgit Glasmacher, Professor Leibniz Universität Hannover

RESEARCH GRANTS

1. Production and molecular identification of pharmaceutical and medicinal plants. PRAXE program. Director. (44.000 Euro). 1/5/2003- 30/11/2004.
2. Evaluation of a new *in vitro* test for measuring resistance of sugar beets and other crops of the Thessaly plain to freezing temperatures. TEI Larissas. Coordinator (3000 Euro) 10/2/2004-10/2/2007.
3. Investigation of the effect of biotype and ecological factors (humidity,temperature) in the action (phytotoxicity and selectivity) of oregano essential oil. 20/1/ 2004-20/1/2007. (3,000 Euros) TEI OF THESSALY
4. Weed control using herbs and essential oils as part of integrated farming and organic farming.ARCHIMEDES II- TEI Larissas - Greek Ministry of Education. (59.960 Euro) 1/1/2005-31/12/2006.
5. "Freezing tests in Poinsetia (Alexandrino) plants." TRC Thessaly (1860 euro) 23/07/2010-23/08 / 2010.Coordinator
6. Cryopreservation of crop species in Europe. Cost Action 871. MC Member 30/3/2007-11/12/2010.
7. "Research on ice nucleation proteins using biophysical methods before and after irradiation".IKYDA 2011. Greece – Germany Exchange Program for Scientific Collaboration. - Coordinator. (5.000 Euro) 1/1/2011-31/12/2012.
8. "Study of the use of selected oregano plant extracts in the fish diet in order to reduce the microbial load of their food (zooplakton)." Coordinator. Archimedes III TEI (62,370 Euros) 1/1/2012-31/12/2014.

EDUCATIONAL GRANTS

1. EPAEK II "Reforming Undergraduate Curricula"(148.400 Euro)1/4/ 2003 – 31/12/ 2005.

PARTICIPATION IN SEMINARS AND CONGRESSES

- “Plant cell biology and biotechnological applications. Signal Recognition, transduction mechanisms and gene regulation». 17-22 September 1999, Kerkrade, The Netherlands.
- “Genome sequence and comparative analysis”. EU Advanced workshop in biotechnology. 21-25 November 1999, Thessaloniki, Greece.
- “Genomic approaches to forest tree stress tolerance”. 16-27 September 2002. Advanced EU research workshop. Maich, Chania, Crete, Greece.
- “1^o International Symposium on Biotechnology in Greece”, 10-12 June 2004, E.I.E, Athens, Greece.
- International Conference "Climate change as a challenge for future generations". June 2-3, 2009, Athens.

INVITED LECTURES

- “Molecular genetics for disease resistance”. Seminar TEI Crete. Heraklion, Crete, Greece 1/10/1995.
“Cultivar identification by molecular means”. Universidad Politécnica de Valencia. Spain 6/5/ 2006.

PUBLICATIONS IN REFEREED JOURNALS

- 1) Anastassopoulos, E., and Keil, M. (1996) Assessment of natural and induced genetic variation in *Alstroemeria* using random amplified polymorphic DNA (RAPD) markers. *Euphytica* 90:235-244. Impact Factor: 1,64 (2014) Citations: 19
- 2) Palaiomylitou, M.A., Kalimanis, A., Koukkou, A.I., Drainas, C., Anastassopoulos, E., Panopoulos, N.J., Ekateriniadou, L.V. and Kyriakidis D.A. (1998) Phospholipid Analysis and Fractional Reconstitution of the Ice Nucleation Protein Activity Purified from *Escherichia coli* Overexpressing the *inaZ* Gene of *Pseudomonas syringae*. *Cryobiology* 37:67-76. Impact Factor: 2,14 (2014) Citations: 6
- 3) Anastassopoulos E., and Panopoulos N.J (2002) In vitro freezing in microtiter plates applied to tobacco plants transformed with the *inaZ* gene of *Pseudomonas syringae* *J.Exp. Bot.* 53: 1887-1890. Impact Factor: 5,24 (2014) Citation: 2
- 4) Anastassopoulos, E. (2006) Agar plate freezing assay for the in situ selection of transformed ice nucleating bacteria. *Cryobiology* 53: 276–278. Impact Factor: 2,14 (2014) Citations: 1
- 5) Vasilakolou I., Dimas K., Anastassopoulos E., Lithourgidis A., Gougoulis N. and Chouliaras N. (2011) Oregano green manure for weed suppression in sustainable cotton and corn fields. *Weed Biology and Management* 11: 38–48. Impact Factor: 0,72 (2014) Citations: 3
- 6) Zaragotas D., and Anastassopoulos E. (2011) Uniformity trials in plant freezing assays, involving microplates. *Cryoletters* 32: 21-27. Impact Factor: 0,84 (2014) Citations:-
- 7) P Makridis, M Stefanakis, E Anastasopoulos, D. Ghanotakis, H.E. Katerinopoulos (2013). Antibacterial activity of essential oils from plants of the genus *Origanum*. *Food Control* 34(2):539-546. Impact Factor: 2,74 (2014) Citations:44
- 8) Stefanakis, M. K., Anastasopoulos, E., Katerinopoulos, H. E. and Makridis, P. (2014) Use of essential oils extracted from three *Origanum* species for disinfection of cultured rotifers (*Brachionus plicatilis*). *Aquaculture Research* 45: 1861–1866. Impact Factor: 1,42 (2014) Citations:5
- 9) Zaragotas, D., Liolios, N. T., & Anastassopoulos, E. (2016). Supercooling, ice nucleation and crystal growth: a systematic study in plant samples. *Cryobiology*, 72(3), 239-243. Impact Factor: 2,14 (2014) Citations: 9

Citation Source: Web of Science 10/7/2020.

BOOK CHAPTER

Elias Anastassopoulos and Dimitris Zaragotas. Country Report: Greece. In A.Grapin, J. Keller, B. Panis, P. Pukacki, A. Revilla & F. Engelmann (eds.), Proc. COST Action 871 Cryopreservation of crop species in Europe. Final meeting, Angers, 8-11 Feb. 2011. OPOCE, Luxembourg. Pg.199-200.

MEETING PRESENTATIONS

1. Aikateriniadou L.V., Palaiomylitou, M.A., Vayi, M.C., **Anastassopoulos E.**, Panopoulos N.J., and Kyriakides, D.A. (1996) Purification of ice nucleation protein overexpressed in *E. coli* carrying the *inaZ* gene. Bioch. Biophys. Newsletter 41: 51-52. Proc. 45th Scientific Conference of the Hellenic Biochemical and Biophysical Society, May 10-11, 1996, Patra, Greece.
2. Aikateriniadou L.V., Palaiomylitou M.A., Vayi, M.C., Anastassopoulos E., Panopoulos N.J., and Kyriakides, D.A. (1996) Study of the expression of the ice nucleation protein INAZ in *E. coli*. Proceedings of the 5th Cyprus Greece Chemistry Conference. University of Cyprus. Pgs. 297-300. (in Greek)
3. Drainas, C., Koukou, A.I., Kalimanis, A., **Anastassopoulos, E.**, Panopoulos, N.J., Paleomylylitou, M.A., Kyriakides, D.A. (1997) Effect of phospholipids on heterologously expressed ice nucleation protein in *E. coli* (17th International Congress of Biochemistry and Molecular Biology in conjunction with the Annual Meeting of the American Society...) FASEB Journal 11: A964.
4. Koukkou, A.I., Kalimanis, A., Drainas, C., **Anastasopoulos, E.**, Panopoulos, N.J., Paleomylylitou, M.A. and Kyriakidis, D.A. (1997), Phospholipid content of heterologously expressed ice nucleation protein in *Escherichia coli*, Biochem. Biophys. Newsletter, 42: 67-68.
5. Palaiomylylitou, M.A., Kalimanis, A., Koukkou, A.I., Drainas, C., **Anastasopoulos, E.**, Panopoulos, N.J. and Kyriakidis, D.A. (1998), Phospholipid analysis and fractional reconstitution of the ice nucleation protein activity purified from *Escherichia coli* overexpressing the *Inaz* gene of *Pseudomonas syringae*, 1st International Conference of Chemical Sciences and Industry, Halkidiki, Greece, p.152.
6. **Anastassopoulos, E.** and Panopoulos, N.J. (2000) Freezing plants in microplates. – A method for evaluating freezing behaviour in plants. Cryobiology 2000. Advances in the Field of Low Temperature Biology, Medicine, and Agriculture. M.I.T. Boston, USA. Book of Abstracts Pg. 58
7. **Anastassopoulos, E.** and Panopoulos, N.J (2000) Cloning of an ice nucleation gene from the pathogenic fungus *Fusarium acuminatum*. Phyllosphere 2000. 3-8 August 2000. University of California, Berkeley, USA. Book of Abstracts Pg. 67.
8. **E. Anastassopoulos**, K. Tertivanidis, C. Goudoula, C. Vasilikiotis, E. Hassiotou, R.Perl-Treves, N.J. Panopoulos, and A.S. Tsaftaris (2002) A microplate freezing assay applied to transgenic sugarbeet transformed with superoxide dismutase transgenes. 13th Congress of the Federation of European Societies of Plant Physiology, Crete, Greece. Book of Abstracts Pg. 707.
9. Vasilakoglou I., K. Dimas, E. Wogiatzi, **E. Anastassopoulos**, A. Tegou and V. Zarchani. (2004) Phytotoxicity of various essential oils against weeds and cultivated plants. 13th Scientific Conference of the Hellenic Weed Society. Orestiada 10-12 November 2004. Proceedings Pg. 33.
10. **Anastassopoulos, E.** (2006) Agar plate freezing assay for the in situ selection of transformed ice nucleating bacteria. 43rd Annual Meeting of the Society for Cryobiology in association with the Society for Low Temperature Biology (Cryo 2006), 24th – 27th July 2006. Hamburg Proceedings pg. 117.
11. Chouliaras N, Gravanis F. **Anastassopoulos E.**, Vasilakoglou I, Gougoulisa N., Vaggelas I., Tsitsigiannis A and Wogiatzi, E (2007) The effect of oregano and basil mulches in chemical and biological soil properties in corn and cotton fields. 5th National Congress of Agricultural Engineering , Larisa, 18-20 October 2007. Proceedings. Pgs. 511-518. (in Greek) [\[Full Paper\]](#)

12. **E. Anastassopoulos** (2007) Towards a microplate technology platform for plant breeding. Technology, application and validation of plant cryopreservation. Florence, May 10-12,2007. Book of abstracts Pg.39. *
13. **Anastassopoulos E.** (2009) Robotic plant breeding expectations and perspectives. 1st Panhellenic Robotics congress TEE, 23-24 February 2009, Athens. (in Greek) [Πλήρης Εργασία]
14. **E. Anastassopoulos**, D. Zaragotas, D. Vlachostergios (2009) Assessment of an *in vitro* screening assay for the identification of chickpea plants tolerant to freezing. Integration of Cryopreservation in Genebank Strategies. 10-11 September 2009, Gatersleben, Germany Book of Abstracts Pg. 29.*
15. Μιχάλης Στεφανάκης, Παύλος Μακρίδης, Βενετία Κωστοπούλου, **Ηλίας Αναστασόπουλος**, Χαράλαμπος Ε. Κατερινόπουλος (2010) Αξιολόγηση αιθέριων ελαίων φυτών του γένους *Origanum* στην απολύμανση τροχόζωων. 14^ο Πανελλήνιο Συνέδριο Ιχθυολόγων. 6-9 Μαΐου 2010, Πειραιάς, Ελλάδα. [Πλήρης Εργασία]
16. **Anastassopoulos E.** (2011) A synopsis of the Greek participation in the COST Action – 871 CryoPLaNet. Cryopreservation Symposium. 8-11 February 2011, Agrocampus Ouest INHP, Angers, France. Book of Abstracts Pg.42. *
17. **Anastassopoulos E.** and Zaragotas D. (2011) Freezing assays in microtiter plates and their use in plant breeding. International Conference on Plant Gene Discovery Technologies, 23-26 February 2011, Βιέννη Αυστρία. Book of Abstracts Pg.31. *
18. An alternative method for disinfection of rotifers using essential oils from plants of the genus *Origanum*. 17th European Symposium on Organic Chemistry (ESOC 2011), 10-15 July 2011 Χερσόνησος, Κρήτη, Ελλάδα Book of Abstracts Pg.306.
19. Alexos A.E., Zaragotas D. and **Anastassopoulos E.** (2012) Biological ice nucleation in *Fusarium* isolates measured by a novel freezing assay. International Conference on “Perspectives in Phyllosphere Biology.” 15-17 February 2012, Nodia, India. Book of Abstracts Pg.21. *(Βράβευση)
20. Stefanakis, M., Makridis, P., **Anastasopoulos, E.**, Katerinopoulos, H. E. (2012) An alternative method for disinfection of rotifers *Brachionus plicatilis* and gilthead seabream eggs *Sparus aurata* using essential oils from plants of the genus *Origanum*. Prague, Czech Republic, September 1- 5, Aqua 2012.
21. **Elias Anastassopoulos**, Dimitris Zaragotas and Nikolaos T. Liolios (2013) Screening plant genotypes, based on ice nucleation activity, by infrared image analysis. Pre-breeding – Fishing in the gene pool. European Plant Genetic Resources Conference 2013. Book of abstracts Pg166. 10-13 June 2013, Malmo Sweden. Book of Abstracts Pg.166.
22. **Elias Anastassopoulos** and Dimitris Zaragotas (2013). Infrared monitoring and analysis of high-throughput freezing processes. IIR Cryo-Bio-Workshop 2013. September 2013, Dresden, Germany. Book of Abstracts Pg. 34. *
23. Dimitris Zaragotas and Nikolaos T. Liolios and **Elias Anastassopoulos** (2014). Ice nucleation in grapes. 10th International Plant Cold Hardiness Seminar - Stress recognition triggers plant adaptation. Institute of Dendrology Polish Academy of Sciences Kórnik, Faculty of Biology, Adam Mickiewicz University, 17 – 21 August 2014, Kórnik - Poznań, Poland. Book of Abstracts Pg.41. *
24. Haralambos E. Katerinopoulos, Michalis Stefanakis, Pavlos Makridis, **Elias Anastasopoulos** (2015) Chemical components in essential oils from plants of the genus *Origanum* used in an alternative method for eliminating Bacterial action in aquacultures. 19th European Symposium of Organic Chemistry in 2015 (ESOC2015), 12-16 July 2015, Universidade de Lisboa, Lisboa, Portugal. Book of Abstracts Pg.495

25. Zaragotas D., Liolios N. T., **Anastassopoulos E.** (2015) Infrared differential thermal analysis (IDTA) of multiple freezing processes. The 24th IIR International Congress of Refrigeration Improving Quality of Life, Preserving the Earth. Proceedings, ID333. August 16 – 22, 2015, Yokohama, Japan. * (Co-Chair) [[Full Paper](#)]
26. Charikleia I. Papaioannou, Michalis K. Stefanakis, **Elias Anastassopoulos**, Pavlos Makridis, George Tsikalas, Dimitris Zaragotas, Haralambos E. Katerinopoulos and Vassilis Papisotiropoulos (2015). Molecular diversity of oregano clones selected for their antimicrobial activity in the aquaculture industry. 2nd International Conference on Natural Products Utilization: from Plant to Pharmacy Shelf (ICNPU 2015). October 14 - 17, 2015, Plovdiv, Bulgaria. Book of Abstracts Pg.249.
27. Hariklia I. Papaioannou, Michalis K. Stefanakis, **Elias Anastassopoulos**, Pavlos Makridis, Georgios Tsikalas, Dimitris Zaragotas, Charalambos Katerinopoulos, Vassilis Papisotiropoulos (2016) Molecular identification of clones 16th Panhellenic Scientific Conference on Plant Genetic Improvement, 28-30 Sep 2016, Florina. Announcements Summaries p. 59. (in Greek)
28. **Anastassopoulos Elias** (2016) Selection for cold resistance of plants with the use of infrared radiation. 16th Panhellenic Scientific Conference on Plant Genetic Improvement, 28-30 Sep 2016, Florina. Proceedings Pg.17.*(in Greek).
29. Vasilakoglou Ioannis, Kitsios Dimas, Gravalos Ioannis, **Anastassopoulos Elias** (2016) Production of biomass from wild artichoke and the weed milk thistle in conditions of reduced inputs. 16th Panhellenic Scientific Conference on Plant Genetic Improvement, 28-30 Sep 2016, Florina. Announcements Summaries p. 67.(in Greek)
30. **Anastassopoulos Elias** (2016) Developments in the field of biological ice nucleation. 18th Panhellenic Phytopathological Conference, 18-21 November 2016, Heraklion, Crete. Proceedings Pgs. 17-18. (in Greek).
31. **Elias Anastassopoulos**, Dimitris Zaragotas, Nikolaos T. Liolios (2017) Freezing in nature; what can we learn for biotechnological purposes? 3rd Ice Binding Proteins Conference 3rd IBP, 13-17 August 2017, Rehovot, Israel. Book of Abstracts Pg15.*
32. **Elias Anastassopoulos** (2017) Freezing in nature with particular reference to *Crepis sancta*. MILAF – 2017: Biophysical atmospheric processes, 1 – 3 November 2017, Sven Lovén Center for Marine Infrastructure, University of Gothenburg, Sweden.*
33. **Elias Anastassopoulos** (2018) An innovative technological platform for measuring the ice nucleation activity of bioaerosols. INUIT Final Conference; 2nd Atmospheric Ice Nucleation Conference; February 26, 2018 - March 01, 2018; Odenwald, Germany.
34. V. Mutsenko, D. Tarusin, B. Sydykov, D. Zaragotas, A.Simaioforidou, C. Rozanski, O. Gryshkov, W.F. Wolkers, I.Braslavsky, **E. Anastassopoulos**, B. Glasmacher. (2018) Study of natural cryoprotective agents for cryopreservation of 3D tissue-engineered scaffolds. The 55th Annual Meeting of the Society for Cryobiology –CRYO 2018, 10-13 July 2018, Madrid, Spain
35. Mutsenko, D. Tarusin, D. Zaragotas, A. Simaioforidou, C. Rozanski, B. Sydykov, D Ivnev, O. Gryshkov, **E. Anastassopoulos**, B. Glasmacher Mutsenko et al (2018) Application of infrared video thermography for monitoring of freezing thawing events within 3D collagen hydroxyapatite scaffolds. SLTB 2018, 6-7 September 2018, Prague, Czech Republic*.

36. Svarnas, K. Falelakis, E. Alevra, C. Aspiotis, D. Zaragotas, **E. Anastassopoulos** (2018) Pollen grains as biogenic sources of ice nuclei – a review. SLTB 2018, 6-7 September 2018, Prague, Czech Republic.
37. **E. Anastassopoulos**, V. Mutsenko, O. Gryshkov, B. Glasmacher (2019). Development of efficient cryopreservation protocols based on biomimetics. Int J Artif Organs 2019;42(8): 457. 46th ESAO Congress 3–7 September 2019 Hannover, Germany.

* Oral presentations

GENOMIC DATABASE SUBMISSIONS

Anastassopoulos E., and Panopoulos N.J. (2000) An ice nucleation gene from the plant pathogenic fungus *Fusarium acuminatum*. (Genbank entry AF265576)

Anastassopoulos E., and Panopoulos N.J (2005) *Gibberella acuminata* putative glycerol-3-phosphate dehydrogenase mRNA, partial cds. (Genbank entry AY928810)

PATENT GRANTS

1.“Method for screening plant for tolerance to abiotic stresses”. Patent Granted Number 1004332. Greek Patent Office. Inventors: Elias Anastassopoulos and Nikolas Panopoulos, 5/9/2003.

2.“Freezing assay for the selection of ice nucleating organisms and the cloning of ice nucleation genes”. Patent Granted Number 1005590. Greek Patent Office. Inventor: Elias Anastassopoulos, 18/7/2007.

OTHER QUALIFICATIONS

-Certificate of Proficiency in English, Cambridge University

-Mittelstufe Sprachdiplom, Goethe Institut.

-PC literate (various molecular biology software programs)