



Maria E. Grigoriou

Vice Rector of Academic Affairs, Student Affairs & Lifelong Education
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Undergraduate Education:

B.Sc. in Biology, Department of Biology, National & Kapodistrian University of Athens, Athens, Greece

Post-graduate Education:

- PhD in Molecular Biology, Department of Biology, University of Crete (1993).
- 1993-1995: Post-doctoral fellow, University of Crete, Medical School and Institute of Molecular Biology & Biotechnology (IMBB), Heraklion, Greece.
- 1995-2000: Post-doctoral fellow, Division of Developmental Neurobiology, National Institute for Medical Research (now Crick Institute), London, UK.

Areas of Interest

- Microbiome analysis and applications in health and agrobiolology
- Development of applications of molecular biology in health and agrobiolology.
- Cellular and molecular mechanisms underlying development.

Distinctions

- 1988-1993: Graduate Student Fellowship from the Institute of Molecular Biology & Biotechnology, Heraklion and from the University of Crete.
- 1993-1995: Post Doctoral Fellowship - Institute of Molecular Biology & Biotechnology, Heraklion, Crete.
- 1995-1996: Post Doctoral Fellowship - Medical Research Council, London, UK.
- 1996-1998: TMR (Training and Mobility for Researchers) Marie Curie Fellowship from the European Union.
- 1999-2000: Marie Curie Return grant from the European Union.
- 2013: Kardjali Hospital Award for the design and development of the Molecular Diagnostics laboratory of the hospital.
- 2014-2016: Elected Chair of the Department of Molecular Biology and Genetics, DUTH, Alexandroupolis, GR.
- 2016-2018: Elected Chair of the Department of Molecular Biology and Genetics, DUTH, Alexandroupolis, GR.
- 2014-2018: Member of the Democritus University of Thrace Senate.
- 2019- ERASMUS+ Institutional Coordinator for Democritus University of Thrace

Funding (Partial list)

- 2021-2023: « Promoting the wine identity of the prefecture of Drama through a holistic characterization of the natural and microbial environment DRAMA_TERROIR» EYDE-ETAK, General Secretariat of Research and Technology, DUTH Project Leader: M. Grigoriou, DUTH Budget: 101.537€.
- 2021-2023: «Exploitation of the microbiol terroir of the "Pavlidis Winery" for the promotion of the distinct quality characteristics of the local wines - Pavlidis Terroir», Region of East Macedonia Thrace & private industrial funds DUTH Project Leader (Subcontractor): M. Grigoriou, DUTH Budget: 72.320€.
- 2020-2023: AGRO4+- Holistic approach to Agriculture 4.0 for new farmers. Hellenic General Secretariat of Research and Technology (GSRT), DUTH Project Leader: M. Grigoriou, DUTH Budget:480.000 €.
- 2020-2023: Molecular identification and utilization of indigenous people of hop varieties for the production of high quality beers with name production- PUZL (Production of Hops Bread Analysis) The Region of Central Greece. DUTH Project Leader: M. Grigoriou. DUTH Budget: 91.200 €

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- 2020-2023: Infrastructure of Microbiome Applications in Food Systems-FOODBIOMES, Hellenic General Secretariat of Research and Technology (GSRT), Project Leader: I. Kourkoutas, DUTH Budget: 1.580.000€
 - 2018-2022: Synthetic Biology: From omics technologies to genomic engineering (OMIC-ENGINE) – OMIC- ENGINE MBG” The Greek National Infrastructure on Synthetic Biology, Hellenic General Secretariat of Research and Technology (GSRT), DUTH Project Leader: M. Grigoriou, DUTH Budget: 480.000 €
 - 2012-2015: miREG: MicroRNAs and Transcription Factor Networks in the regulation of cell differentiation, aging and tumorigenesis” GSRT/Thalis Action. DUTH Project Leader: M. Grigoriou, DUTH Budget: 110.000 €.
 - 2011-2013: Cross-Border Collaboration for the Promotion of Technological Applications and Scientific Education on Medicinal Molecular Biology. INTERREG IIIA Greece-Bulgaria, 3RD COMMUNITY SUPPORT FRAMEWORK, Measure 3.1. Project Leader: G. Skavdis Budget: 461.935 €
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- Siskos N., Ververidis C., Skavdis G., **Grigoriou M.E.** Genoarchitectonic Compartmentalization of the Embryonic Telencephalon: Insights From the Domestic Cat. *Front Neuroanat.* 2021 15:785541.
 - Siskos N., Stylianopoulou E., Skavdis G., **Grigoriou M.E.** Molecular Genetics of Microcephaly Primary Hereditary: An Overview. *Brain Sci.* 2021;11(5):581.
 - Papageorgiou K., Mastora E., Zikopoulos A., **Grigoriou M.E.**, Georgiou I., Michaelidis T.M. Interplay Between mTOR and Hippo Signaling in the Ovary: Clinical Choice Guidance Between Different Gonadotropin Preparations for Better IVF. *Front Endocrinol (Lausanne).* 2021 Jul 21;12:702446.
 - Chytoudis-Peroudis, C.C., Siskos, N., Kalyviotis, K., Fysekis, I., Ypsilantis, P., Simopoulos, C., Skavdis, G., **Grigoriou, M.** (2018) Spatial distribution of the full-length members of the Grg family during embryonic neurogenesis reveals a “Grg-mediated repression map” in the mouse telencephalon. *PLOSone* 13 (12), e0209369.
 - Chanoumidou K., Hadjimichael C., Athanasouli P., Ahlenius H., Klonizakis A., Nikolaou C., Drakos E., Kostouros A., Stratidaki I., **Grigoriou M.**, Kretsovali A. (2018) Groucho related gene 5 (GRG5) is involved in embryonic and neural stem cell state decisions. *Sci Rep.* 8(1):13790. doi: 10.1038/s41598-018- 31696-9.
 - Iliadis A., Virvili M.A., Flaris N.A., Pervana S., Pazarli E., Tripsianis G., **Grigoriou M**, Kanakis D.N. PTTG-1 (Securin) immunoexpression in meningiomas correlates with tumor grade and proliferation rate: potential use as a diagnostic marker of malignancy. (2018) *APMIS.* 126(4):295-302.
 - Stylianopoulou E., Kalamakis G., Pitsiani M., Fysekis I., Ypsilantis P., Simopoulos C., Skavdis G. & **Grigoriou M.** (2016) HSPC280, a winged helix protein expressed in the subventricular zone of the developing ganglionic eminences, inhibits neuronal differentiation. *Histochem Cell Biol.*145:175-184.
 - Poulatsidou K.N., Lagoudaki R., Touloumi O., Kesidou E., Boziki M., Ravanidis S., Chlichlia K., **Grigoriou M.** & Grigoriadis N. (2015) Immunophenotype of mouse cerebral hemispheres-derived neural precursor cells. *Neurosci Lett.* 611: 33-39. doi: 10.1016/j.neulet.2015.11.011.
 - Stylianopoulou E, Skavdis G & **Grigoriou M.E.** Zinc-based fixation for high-sensitivity in situ hybridization: a nonradioactive colorimetric method for the detection of rare transcripts on tissue sections. (2014) *Methods Mol Biol.* 1211: 125-38.
 - Stylianopoulou E., Lykidis D., Ypsilantis P., Simopoulos C., Skavdis G. & **Grigoriou M.E.** (2012) A rapid and highly sensitive method of non radioactive colorimetric in situ hybridization for the detection of mRNA on tissue sections. *PLoS ONE* 7(3): e33898.
 - Paschou P., Stylianopoulou E. Karagiannidis J., Rizzo R., Tarnok Z., Wolanczyk T., Hebebrand J., Nöthen M.J., Lehmkuhl G., Farkas L., Nagy P., Szymanska U., Lykidis D., Androutsos C., Tsironi V., Koumoula A., Barta C., Ypsilantis P., Simopoulos C., TSGeneSEE, Skavdis G. & **Grigoriou M.E.** (2012) Evaluation of the LIM homeobox genes LHX6 and LHX8 as candidates for Tourette Syndrome. *Genes, Brain and Behaviour.* Mar 21. doi: 10.1111/j.1601-183X.2012.00778.x.
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Selected publications