

## Short Curriculum Vitae: Maria E. Grigoriou

**Current Position:** Professor in Molecular Biology – Developmental Biology

**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**

- Cellular and molecular mechanisms underlying nervous system development and function.
- Development of applications of molecular biology in health and agrobiotechnology.

**Distinctions**

- 1988-1993: Graduate Student (MSc) Fellowship from the Institute of Molecular Biology & Biotechnology, Heraklion and from the University of Crete.

- 1993-1995: Post Doctoral Fellowship from the Institute of Molecular Biology & Biotechnology, Heraklion, Crete.

- 1995-1996: Post Doctoral Fellowship from the 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.

- 2017-2019: Synthetic Biology: From omics technologies to genomic engineering (OMIC-ENGINE) – OMIC- ENGINE MBG” The Greek National Infrastructure on Synthetic Biology, General Secretariat for Research & Technology, Επιστημονικά Υπεύθυνη 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 €.

**Funding**

**(Partial list)**

- 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 €

- 2009-2012: Strengthening Regional Bioresearch Potential in Greece: Advanced scientific performance at the Department of Molecular Biology and Genetics in Thrace, 7th Framework REGPOT-2008-1 EUROPEAN UNION Project Leader: M. Agianian Budget: 1.000.000 €.

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- 2006-2008: Development of infrastructure for the identifications of carriers of inherited diseases. INTERREG IIIA Greece-Bulgaria, Measure 3.1. Project Leader: M. Grigoriou, Budget: 300.000 €.
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- Chytoudis-Peroudis, C.C., Siskos, N., Kalyviotis, K., Fysekis, I., Ypsilantis, P., Simopoulos, C., Skavdis, G., 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) immunoeexpression 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.
  - Ravanidis S., Poulatsidou K.N., Lagoudaki R., Touloumi O., Polyzoidou E., Lourbopoulos A., Nousiopoulou E., Theotokis P., Kesidou E., Tsalikakis D., Karacostas D., **Grigoriou M.**, Chlichlia K. & Grigoriadis N. (2015) Subcutaneous Transplantation of Neural Precursor Cells in Experimental Autoimmune Encephalomyelitis Reduces Chemotactic Signals in the Central Nervous System. *Stem Cells Transl Med.* pii: sctm. 2015-0068.
  - Stylianopoulou E, Skavdis G & **Grigoriou M.** 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. doi: 10.1007/978-1-4939-1459-3\_11.
  - Sadikoglou E, Daoutsali E, Petridou E, **Grigoriou M.** & Skavdis G. Comparative analysis of internal ribosomal entry sites as molecular tools for bicistronic expression. (2014) *J Biotechnol.* 181: 31-4. doi: 10.1016/j.jbiotec.2014.03.033.
  - Stylianopoulou E., Lykidis D., Ypsilantis P., Simopoulos C., Skavdis G. & **Grigoriou M.** (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. doi:10.1371/journal.pone.0033898.
  - 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.** (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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**Representative  
publications**