

SHORT CURRICULUM VITAE  
EUMORPHIA REMBOUSIKA, BSc, PhD

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Dr. Eumorphia Remboutsika was born in Athens, Greece, where she completed her primary and secondary education. She holds a B.Sc. in Chemistry (University of Patras), a Ph.D. in Biochemistry and Molecular Biology (Purdue University, USA) with studies and many years of research and educational activity in Greece and abroad (USA, France (IGBMC), UK (NIMR, now Crick Institute) and scientific expertise in Stem Cell Biology and Epigenetics. She is a SET-Routes University Ambassador in the EMBO-EMBL-CERN Women in Science Program and a Scientific Board Member of the ITERA-Life Sciences Council. She has served as an Adjunct Faculty of the Lieber Institute for Brain Development at the Johns Hopkins University Medical School Campus in Baltimore (USA) (2013-2016). She currently serves as an Adjunct Professor in the Thrivus Institute for Biomedical Science and Technology in Accra, Ghana. Her research aims to understand the way cells establish and maintain stemness in space during developmental-biological time, aiming for their activation *de novo* and *in situ* for regenerative and precision medicine.

As a Researcher C' Level (Assistant Professor Level), she founded the first Stem Cell Biology Laboratory and Stem Cell Facility in Greece at the Biomedical Sciences Research Center, "Alexander Fleming" (2003-2010). She has served as a Collaborating Researcher B' at the Horemio Research Center of the Medical School of Athens (1st Pediatric Clinic, National and Kapodistrian University of Athens (NKUA)) (2010-2020). In 2020, she was elected Researcher B' Level (Associate Professor Level) at the University Research Institute of Maternal & Child Health and Precision Medicine, as a Stem Cell Biology Expert. She serves as the Scientific Advisor for Innovation on Stem Cell technologies and applications of Brainz Bioscience Company based in Nuremberg, Germany (2018-). Since the onset of Covid19 in Europe (2020), she has evaluated Rapid Covid19 diagnostics, organized and participated in clinical evaluation teams, consulted private establishments, governmental and non-governmental organizations in the use of Rapid antigen and antibody tests for accurate diagnosis of the SARS-COV2 coronavirus in the clinics and the community and participated in public awareness with interviews on public media in Greece.

She has solicited €0,7M from national and international funding agencies and a long-standing cooperation agreement with Regeneron Pharmaceuticals Inc. (USA). She is a co-founder of fifteen international patents (Neurosteroid compounds) for the action of synthetic neurosteroids on nervous system regeneration. She is the author of several original international peer-reviewed publications, international patents and popular science articles. She has participated as a speaker in international research establishments and international conferences and she has served as an Organizer and Chair. She serves as a reviewer for Grant applications for National agencies (Dutch & Portuguese Foundations and the French ANR National Foundation) and Societies (Alzheimer's Society, UK). She is a reviewer in international journals in Molecular Biology, Epigenetics and Stem Cell and Developmental Biology, and as an Associate Editor for Frontiers in Physiology (Craniofacial and Dental research), Genetics and Cell & Developmental Biology (Stem Cell Section).

She served as an instructor in the Postgraduate Programs in Neurosciences (University of Crete, Medical School) and Molecular Medicine (NKUA, Medical School) and currently as an instructor in the Molecular Mechanisms of Human Diseases (Department of Biology, NKUA). She has served as an instructor in Undergraduate Programmes, Biochemistry (1 semester) & Biochemistry Laboratory (2 semesters) at the Biochemistry Department of Purdue University (USA) and Clinical Chemistry Laboratory in Biomedical Sciences (Department of Medical Laboratories, University of West Attica, Greece).

She is an advisor of the Mentors100 initiative for professional orientation of High School students. She is an inventor of an innovative mentorship proprietary programme – "Leap Forward Initiative" – a holistic thought and career development program based on cognitive and stress management. It addresses pupils, teenagers and adults and evolves in conjunction with other networking actions at European and international level, educational work, connection to the market and the needs of the society.

