

CURRICULUM VITAE

PERSONAL DETAILS

Full Name	KONSTANTINOS KAGIAS
E-mail	<i>kka@fas.harvard.edu, kkagias@hotmail.com</i>
Nationality	Greek
Date of birth	4/12/79

UNIVERSITY EDUCATION

2010 – 2013	Post-doctoral fellow in miRNA biology Biotech Research and Innovation Center (BRIC) University of Copenhagen, Denmark Dr Roger Pocock's laboratory
2006-2009	Doctoral Diploma (<i>Ph.D</i>) in Developmental and Cellular Biology Institut de Génétique et de Biologie Moléculaire et Cellulaire (IGBMC) University of Strasbourg, France Dr. Sophie Jarriault's laboratory Title: ' <i>Analysis of the mechanisms underlying trans-differentiation in vivo in C. elegans: the role of chromatin remodeling and its implication in the biology of cancer</i> ' Defense: 8 th of December 2009
2004-2006	Master Diploma (<i>M.Sc</i>) in Biotechnology Kapodistrian University of Athens, Greece Diploma thesis at B.O.K.U University in Vienna, Austria Title: ' <i>Microbial Biotechnology</i> '
1998-2004	Bachelor's Diploma (<i>B.Sc</i>) in Biology Kapodistrian University of Athens, Greece

RESEARCH EXPERIENCE

2010-2013	miRNA regulation of stress responses in <i>C. elegans</i> <i>Post-doctoral training (Supervisor: Dr. Roger Pocock)</i>
2006-2009	Analysis of the mechanisms underlying trans-differentiation in <i>C. elegans</i> <i>PhD studies (Supervisor: Dr. Sophie Jarriault)</i>
2004-2006	Control of transcriptional regulation of the uric acid transporter gene <i>uapA</i> of <i>A. nidulans</i> at the chromatin level, using <i>in vivo</i> and <i>in vitro</i> assays <i>MSc studies (Supervisor: Dr. Joseph Strauss)</i>
2001-2002	Structure-function analysis of a uric acid transporter in <i>A. nidulans</i> <i>BSc studies (Supervisor: Dr. George Diallinas)</i>
Summer 2001	Biodeterioration of Art Objects - Greek National Gallery - <i>Internship</i>

FELLOWSHIPS AND HONOURS

2013	Travel Fellowship from Lundbeck Foundation to attend 19 th International <i>C. elegans</i> Meeting in Los Angeles
2008-2009	PhD Fellowship from “ <i>La Ligue contre le Cancer</i> ” (Accepted) PhD Fellowship from “ <i>Association pour la Recherche sur le Cancer</i> ” (ARC) (Declined)
2007-2008	PhD Fellowship from I.G.B.M.C (<i>Institut de Génétique et de Biologie Moléculaire et Cellulaire</i>)
2006-2007	PhD Fellowship from C.N.R.S (<i>Centre National de la Recherche Scientifique</i>)
2002	Archimedes prize (E.U) (Marie Curie Fellowship) : European Commission's top prize for undergraduate students
2000-2001	Undergraduate performance scholarship from “ <i>Greek State Scholarship Foundation</i> ” for excellent performance (3 rd best among 160 students)

PEER-REVIEWED PUBLICATIONS

1. Reliable reference miRNAs for quantitative gene expression analysis of stress responses in *Caenorhabditis elegans*.
Kagias K, Podolska A, Pocock R.
BMC Genomics. 2014 Mar 21;15(1):222.
2. An epidermal microRNA regulates neuronal migration through control of the cellular glycosylation state.
Pedersen ME, Snieckute G, **Kagias K**, Nehammer C, Multhaupt HA, Couchman JR, Pocock R.
Science. 2013 Sep 20;341(6152):1404-8.
3. Neuronal responses to physiological stress.
Kagias K, Nehammer C, Pocock R.
Front Genet. 2012 Oct 26;3:222.
4. DVC1 (C1orf124) is a DNA damage-targeting p97 adaptor that promotes ubiquitin-dependent responses to replication blocks.
Mosbech A, Gibbs-Seymour I, **Kagias K**, Thorslund T, Beli P, Povlsen L, Nielsen SV, Smedegaard S, Sedgwick G, Lukas C, Hartmann-Petersen R, Lukas J, Choudhary C, Pocock R, Bekker-Jensen S, Mailand N.
Nat Struct Mol Biol. 2012 Nov;19(11):1084-92.
5. Members of the NODE (Nanog and Oct4-associated deacetylase) complex and SOX-2 promote the initiation of a natural cellular reprogramming event in vivo.
Kagias K, Ahier A, Fischer N, Jarriault S.
Proc Natl Acad Sci U S A. 2012 Apr 24;109(17):6596-601.

SELECTED SCIENTIFIC PRESENTATIONS

- *MIR-35-41* ROLE IN EMBRYONIC DEVELOPMENT AND HYPOXIA
K. Kagias and R. Pocock 19th International *C. elegans* , **Poster** presentation (2013)
- miRNA REGULATION OF STRESS RESPONSES
K. Kagias, R. Pocock, 18th International *C. elegans* , **Poster** presentation (2011)
- EGL-27/MTA1 INTERACTS WITH SEM-4/SALL AND OTHER PLURIPOTENCY FACTORS TO POTENTIATE THE Y-to-PDA CELL REPROGRAMMING EVENT
A. Ahier, **K. Kagias**, N. Fischer and S. Jarriault, 18th International *C. elegans* , **Oral** presentation (2011)
- ANALYSIS OF THE EARLY STEPS OF TRANS-DIFFERENTIATION *IN VIVO* IN *C. ELEGANS*
K. Kagias, N. Fischer and S. Jarriault , 17th International *C. elegans* Meeting, **Oral** Presentation (2009)
- INVESTIGATING THE ROLE OF CHROMATIN ORGANISATION DURING A CELL PLASTICITY EVENT IN *C. ELEGANS*
K. Kagias and S. Jarriault, ‘Journées Campus Illkirch’ at ESBS, **Oral** Presentation (2009)
- TRANS-DIFFERENTIATION IN *C.ELEGANS*: AN *IN VIVO* APPROACH
K. Kagias, J.P. Richard, and S. Jarriault, 16th International *C. elegans* Meeting, **Poster** Presentation (2007)
- NOVEL FINDINGS ON URIC ACID TRANSPORTER UapA OF *A. NIDULANS*
M. Koukaki, S. Tournaviti, **K. Kagias** and G. Diallinas, Greek Biological Conference Eretria, **Poster** Presentation (2003)

TECHNICAL AND EXPERIMENTAL SKILLS (indicative)

<i>C.elegans</i>	Genetics, RNAi, Transgenesis (micro-injections, transgene integration), EMS mutagenesis, Antibody staining, Microscopy, Cell ablation micro-surgery
Molecular biology	Southern/Northern/Western blot, qPCR, Molecular cloning (general techniques and strategies, gateway system), Site directed mutagenesis, Immunoprecipitation, <i>In vivo</i> footprinting in fungi, Chromatin structure analysis by MNase digestion
Fungal Biology	Genetics, Mutagenesis
Bioinformatics	Nucleic acid (BLAST, Sequence alignment) and protei (SMART, Pfam) sequence analysis, Phylogenetic analysis

LANGUAGES

Greek native speaker

ENGLISH: *Excellent*

FRENCH: *Intermediate*

OTHER SKILLS AND HOBBIES

Music: Guitar player, singer, drummer and percussionist. Player of several traditional music instruments of Greece

Sports: Windsurf, kite-surf, snowboard, basketball, chess, nature photography