

# Eleni Liapi, Biologist

✉ liapi@fleming.gr | ☎ +30-210 +30 2109656310 (-166) | ORCID: 0000-0003-2440-4264

## Research experience

- 2020-2023 Research scholar, **RNA-protein interactions**, Louisiana State University, Department of Biological Sciences, USA
- 2016-2019 Molecular Biologist, PhD candidate **RNA-protein interactions: non-coding RNAs and SUMOylation post-translational modification**, Maastricht University, FHML, NL
- 2016 Project research fellow, Long non-coding RNA WAKMAR1 in skin wound healing, Karolinska Institute, Dermatology Department, Solna, Stockholm, SE
- 2015 MSc student & research fellow, Forensic skin wound age estimation, University Hospital of Cologne, Institute of Legal Medicine, DE
- 2012 Research fellow, Long non-coding RNA GLI1-AS in rhabdomyosarcoma, Karolinska Institute, Department of Biosciences and Nutrition, Huddinge, Stockholm, SE
- 2011-2012 Research Intern – NKUA-funded, Kallikrein 12 (*KLK12*) splice variants in clinical breast cancer samples, Saint Savvas Anticancer Hospital of Athens, GR
- 2011-2012 BSc student, Cardiomyoblast viability under oxidative and osmotic stress, Department of Physiology, National and Kapodistrian University of Athens, GR
- 2011 Intern (voluntary), Blood sample preparation for biochemical analysis, Biochemistry Department, Children's Hospital "Paidon Agia Sofia", Athens, GR

## Education

- Current PhD candidate, Maastricht University, FHML, NL
- 2022 MSc Bioeconomy: Biotechnology and Law, International Hellenic University, GR
- 2015 MSc Medical sciences, specialization Forensic Science, Uppsala University, SE
- 2013 BSc Biology, National and Kapodistrian University of Athens, GR

## Awards

- 2022 Poster Award by RNA Society, 28<sup>th</sup> International tRNA conference, Columbus, OH, USA
- 2020 Bursary for M.Sc. Bioeconomy, IHU, GR
- 2019 3<sup>rd</sup> HeCRA-Young Researchers, Travel grant, Patras, GR
- 2016 Welanderstiftelsen, Karolinska Institute, SE
- 2015 Erasmus Fellowship, Uppsala University, SE & EU
- 2015 Lindahl Esters Foundation for master thesis abroad, Uppsala University, SE
- 2012 Erasmus Fellowship, National and Kapodistrian University of Athens, GR & EU

## Publications

- 2020 tRNAs and tRNA fragments as modulators of cardiac and skeletal muscle function  
**E. Liapi**, M. van Bilsen, R. Verjans, B. Schroen (corr-author), *BBA-Molecular Cell Research*
- 2019 Human skin long non-coding RNA WAKMAR1 regulates wound healing by enhancing keratinocyte migration,  
D. Li, L. Kular, M. Vij, E.K. Herter, X. Li, A. Wang, T. Chu, M.-A. Toma, L. Zhang, **E. Liapi**, L. Blomqvist, I.G. S  r  zal, O. Rollman, J. Wikstrom, D. Berglund, M. St  hle, P. Sommar, M. Jagodic, N. Xu Land  n (corr-auth), *PNAS*
- 2015 Effect of RNA integrity on reference gene-expression stability in human post-mortem wounded and normal skin,  
**E. Liapi** (corr-auth), M. Rothschild, P.M. Schneider, I. Gomes, *International Journal of Forensic Genetics, Supplement Series*
- 2014 Identification of novel non-coding RNA based negative feedback regulating the expression of the oncogenic transcription factor GLI1,  
V.E. Villegas, M.F.-Ur Rahman, M.G. Fernandez-Barrena, Y. Diao, **E. Liapi**, E. Sonkoly, M. St  hle, A. Pivarcsi, L. Annaratone, A. Sapino, S. Ram  rez Clavijo, T. R B  rglin, T. Shimokawa, S. Ramachandran, P. Kapranov, M.E. Fernandez-Zapico, P.G. Zaphiropoulos (corr-auth), *Molecular Oncology*

## Conferences

### Oral presentation

- 2023 Short-talk, Keystone Protein-RNA interactions: Vancouver, CA, *Selected*
- 2019 3<sup>rd</sup> HeCRA-Young Researchers, Department of Pharmacy, University of Patras, GR, *Invited*
- 2018 Frontiers in Cardiovascular Biology, European Society of Cardiology, Vienna, AT, *Selected*

### Poster presentation

- 2023 Keystone Protein-RNA interactions: Vancouver, CA
- 2022 8<sup>th</sup> International Research Scholars Contest, LSU, LA, USA, received *Honorable mention*
- 2022 28<sup>th</sup> International tRNA conference, Columbus, OH, USA
- 2019 3<sup>rd</sup> ESM/EVBO Conference, Maastricht, NL
- 2018 27<sup>th</sup> International tRNA conference, Strasbourg, FR
- 2018 1<sup>st</sup> ESM/EVBO Summer School, Dresden, DE
- 2017 Cardiac Function and Adaptation PhD Course (Dutch Heart Foundation), NL, Top 15/80
- 2017 10<sup>th</sup> International Society of Applied Biological Sciences (ISABS), Dubrovnik, HR
- 2015 25<sup>th</sup> International Society of Forensic Genetics (ISFG), Krakow, PL
- 2011 33<sup>rd</sup> Conference, Hellenic Society for Biological Sciences, Edessa, GR

## Training Courses

- 2021 EMBL & University of Mexico (remote): Small Angle X-ray Scattering, DE-MX
- 2020 Radioactivity license by LSU Radiation Safety Office, USA
- 2019 Analyzing non-coding RNA with Rfam and RNA central, EMBL-EBI, Hinxton, UK
- 2019 Drug Discovery, Credential: C2K6RK6UNW9R (Coursera and UCSD)
- 2018 Focus on Peer Review, Nature Master Classes
- 2018 1<sup>st</sup> ESM/EVBO Summer School, Dresden, DE, *selected*
- 2017 Whole Transcriptome RNA sequencing, EMBL, Heidelberg, DE, *selected*
- 2017 Microscopy (PhD course), Maastricht University, NL
- 2016 BioSafety, Maastricht University, NL
- 2016 Laboratory Animal Science, Dutch Article 9 License, Maastricht University, NL
- 2016 Basic Statistics in R, VIB, Leuven, BE
- 2016 Heart Failure Research (CARIM PhD course), Maastricht University, NL
- 2016 Idea to Service Business-Transforming Health Care, Karolinska Unit for Bio-Entrepreneurship, Sweden, SE

## Memberships

- 2020-2022 RNA Society, US
- 2019-2020 Hellenic Crystallographic Association (HeCrA), GR
- 2019-2020 European-COST Cardio RNA:CA17129

## Peer-Review

- 2017-2022 International Journal of Cardiology, Elsevier