

# CURRICULUM VITAE

## **Personal information:**

Athanasios Siametis  
Smolika 7, Kozani, 50131, GR  
Tel. (+30) 6978502343  
athsiametis@gmail.com



## **Education:**

- 2016 – 2013: **M.Sc. in “Applied Genetics and Biotechnology”**  
Aristotle University of Thessaloniki, Faculty of Sciences, School of Biology
- Grade: 9,29/10 (Excellent)
  - Thesis: “Population Genetics Analysis of European sea bass (*Dicentrarchus labrax*)” (Excellent, 10/10)
- 2013 – 2009: **B.Sc. in “Biology – Molecular Biology, Genetics and Biotechnology”**  
Aristotle University of Thessaloniki Faculty of Sciences, School of Biology
- Grade: 7,32/10 (Very Good)
  - Thesis: “Mobilized with different strategies thalassemic hematopoietic stem cells: Study of implantation capacity in a competitive transplantation model” (Excellent, 10/10)

## **Honors and awards:**

- 2012: Best Oral Presentation Award (*Plenary Session*) - 23th Panhellenic Hematology Congress, Thessaloniki, Greece
- 2016: Erasmus+ Traineeship Grant

## **Certifications:**

- Certificate of Proficiency in English from Michigan State University

## **Work Experience:**

- 2019 – 2020: **Postgraduate Associate**  
Yale School of Medicine, Surgery Department, Larynx Laboratory
- Explore the role of laryngopharyngeal reflux in laryngopharyngeal carcinogenesis
- 2017 – 2018: **Biology Teacher**
- Teaching Biology to high school students, preparing them for the national exams to enter Higher Education
- 2017 – 2016: **Private - Pathologists’ Assistant**  
424 Army General Hospital, Cyto/Histopathology Laboratory
- Trained in application of tissue processing protocols and techniques

## **Research work and Laboratory training**

Mar. 2016–Sep. 2016: **Research Internship in Stem Cell and Red Cell Biology**

Biomedical Center, Lund University, Division of Molecular Medicine and Gene Therapy

Supervisor: Assistant Professor Sofie Singbrant Söderberg

- Investigation of the underlying mechanism of pRb deficient anemia, with specific focus on cell cycle regulation and mitochondrial function
- Project Thesis: “pRB deficiency results in a late erythroid differentiation block, partially depended on loss of cell cycle control and impaired heme synthesis”

Jul. 2014 – Feb. 2016: **MSc Diploma Thesis in Genomics**

Aristotle University of Thessaloniki, Faculty of Sciences, School of Biology

Supervisor: Assistant Professor Alexandros Triantafyllidis

- Research Group Member of the European Program AquaTrace: The development of tools for tracing and evaluating the genetic impact of fish from aquaculture
- Evaluation of genetic impact of aquaculture activities on wild populations

Jul. 2012 – Jan. 2014: **BSc Diploma Thesis in  $\beta$ -Thalassemia Gene Therapy**

G. Papanikolaou General Hospital, Gene and Cell Therapy Unit

Supervisor: Dr. Evangelia Yannaki, MD

- Determination of the optimal graft source for stem cell gene therapy in thalassemia

### **Research Internship in Viral Vectors Biology**

G. Papanikolaou General Hospital, Gene and Cell Therapy Unit

- Responsible for eGFP Lentiviral Vector production, used for Hematopoietic Stem Cells transduction
- Project Thesis: “eGFP Lentiviral Vector Production”

## **Publications:**

Oct. 2014: N. Psatha, E. Sgouramali, A. Gkoutis, **A. Siametis**, P. Baliakas, V. Constantinou, E. Athanasiou, M. Arsenakis, A. Anagnostopoulos, T. Papayannopoulou, G. Stamatoyannopoulos, E. Yannaki  
“Superior Long-Term Repopulating Capacity of G-CSF+Plerixafor-Mobilized Blood: Implications for Stem Cell Gene Therapy by studies in the Hbbth-3 Mouse Model”, Human Gene Therapy Methods. 2014 Oct 21

## **Conferences presentations:**

Oct. 2016: **Athanasios Siametis**, Konstantinos Gkagkavouzis, Ioannis Kavakiotis, Nikoleta Karaiskou, Alaxandros Triantafyllidis  
“Genetic Discrimination of Wild and Farmed European Sea Bass (*Dicentrarchus labrax*) in Greek Waters” (Poster presentation)  
16th Hellenic Conference of Ichthyologists, October 6-9, 2016, Kavala

- Apr. 2016: **Siametis A.**, Gkagkavouzis K., Kavakiotis I., Karaiskou N., Triantafyllidis A. and AQUATRACE consortium  
“Genetic Analyses of Greek Wild and Farmed Sea Bass (*Dicentrarchus labrax*) Populations”  
(Poster presentation)  
4th International Symposium on Genomics in Aquaculture, April 20-22, 2016, Athens
- May 2014: Gkountis Antonios-Marios, Psatha Nikoletta, Rantoglou Eirini, **Siametis Athanasios**, Anagnostopoulos Achilles, Yiangou Minas, Yannaki Evangelia  
“Identification of the Optimal Graft for Gene Therapy of B-Thalassemia Based on Immunophenotypic Features” (Oral presentation)  
36th Scientific Conference of Hellenic Association for Biological Sciences, May 8-10, 2014, Ioannina
- Dec. 2013: N. Psatha, E. Sgouramali, **A. Siametis**, E. Siapati, P. Baliakas, V. Constantinou, T. Papayannopoulou, G. Stamatoyannopoulos, A. Anagnostopoulos, E. Yannaki  
“Plerixafor+G-CSF-mobilized blood represents the preferable graft source for gene therapy of thalassemia in terms of HSCs yield and engrafting capacity” (Poster presentation)  
55th ASH Annual Meeting and Exposition, December 7-10, 2013, New Orleans, LA
- Oct. 2013: N. Psatha, E. Sgouramali, **A. Siametis**, E. Siapati, P. Baliakas, V. Constantinou, T. Papayannopoulou, G. Stamatoyannopoulos, A. Anagnostopoulos, E. Yannaki  
“Plerixafor+G-CSF-mobilized blood represents an optimal graft source for gene therapy of thalassemia” (Poster presentation)  
ESGCT and SETGyC Collaborative Congress, October 25-28, 2013, Madrid
- May 2013: Nikoleta Psatha, Garyfalia Karponi, Eleni Sgouramali, **Athanasios Siametis**, Panayotis Baliakas, Isabelle Riviere, Michel Sadelain, Achilles Anagnostopoulos, George Stamatoyannopoulos, Thalia Papayannopoulou, Evangelia Yannaki  
“Enhanced engraftment of murine and human hematopoietic stem cells mobilized using the Plerixafor+G-CSF combination” (Poster presentation)  
16th ASGCT Annual Meeting, May 15-18, 2013, Salt Lake City, UTAH
- May 2013: **Siametis Athanasios**, Psatha Nikoletta, Sgouramali Eleni, Gounari Eleni, Chrysikopoulou Elena, Anagnostopoulos Achilles, Yiangou Minas, Yannaki Evangelia  
“The Combination of Plerixafor+G-CSF Mobilizes Hematopoietic Stem Cells (HSCs) with Enhanced Engrafting and Long-Term Repopulation Capacity” (Oral presentation)  
35th Scientific Conference of Hellenic Association for Biological Sciences, May 23-25, 2013, Nafplio
- May 2013: Eleminiadou Evridiki, Sgouramali Eleni, Kotzialampou Anastasia, Xrusikopoulou Eleni, **Siametis Athanasios**, Anagnostopoulos Achilleas, Yiagkou Minas, Yannaki Evangelia  
“Supernatant of mesenchymal Stem Cells (MSCs) Culture and Ex Vivo Pre-Treatment with Diprotin A (anti-CD26) Improves Migration Efficiency of Transduced Hematopoietic Stem Cells (HSCs)” (Oral presentation)  
35th Scientific Conference of Hellenic Association for Biological Sciences, May 23-25, 2013, Nafplio