


PERSONAL INFORMATION

Stavros Nikolaou

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 stavros.nikolaou83@gmail.com

WORK EXPERIENCE

May 2019–Present

**Post-doctoral Associate**

CyBiobank, University of Cyprus, Nicosia (Cyprus)

Investigating the role of modifier genes on Alport syndrome, using mouse models of disease.

Jan 2018–Jan 2019

**Post-doctoral Associate**

Yale University, New Haven, CT (United States)

Investigation of the role of estradiol on human male and female naïve CD4+ T cells differentiation into effector T cells.

EDUCATION AND TRAINING

Jan 2010–Jan 2018

**PhD in Molecular Biology**

University of Cyprus, Nicosia (Cyprus)

Project title: Early trophoblast patterning and differentiation during mammalian development: *in vivo*, *ex vivo* and stem cell studies

Jan 2007–Jan 2010

**M.Sc. in Experimental Molecular Biology**

University of Cyprus, Nicosia (Cyprus)

Project title: Construction and testing of novel lentivectors for simultaneous gene expression modifications and live cell morphology imaging in cultured cells

Oct 2001–Nov 2006

**B.Sc. in Biological Applications and Technologies**

University of Ioannina, Ioannina (Greece)

Graduated with 8.3/10.

PERSONAL SKILLS

Mother tongue(s)

Greek

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
 Common European Framework of Reference for Languages - Self-assessment grid

Job-related skills

Trophoblast stem cell derivation, maintenance and manipulation

Pre-implantation mouse embryo isolation and early post-implantation (E5.0 – E8.5) mouse embryo dissection

Microsurgery on E5.5 mouse embryos

Micromanipulation of small, live tissues

Molecular Biology techniques (i.e. molecular cloning, DNA primer design, riboprobe design and construction)

Gene expression modification using lentiviruses

Real Time PCR

Histology

Immunohistochemistry and immunofluorescence

Whole-mount *in situ* hybridization (single and double color) and whole-mount immunofluorescence on early post-implantation mouse embryos

Microscopy

Human peripheral blood mononuclear cells (PBMCs) isolation

Human naïve CD4+ T cells stimulation/culture

Flow cytometry

## ADDITIONAL INFORMATION

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### Memberships

American Society of Human Genetics (ASHG), 2018 - present

American Association for the Advancement of Science (AAAS), 2018 – present

### Publications

**Nikolaou S**, Hadjikyri X, Ioannou G, Elia A, Georgiades P. (2018). Functional and phenotypic distinction of the first two trophoblast subdivisions and identification of the border between them during early postimplantation: A prerequisite for understanding early patterning during placentogenesis. *Biochem Biophys Res Commun*. 496(1): 64-69.

Charalambous C, Drakou K, **Nikolaou S**, Georgiades P (2013). Novel spatiotemporal glycome changes in the murine placenta during placentation based on BS-I lectin binding patterns. *Anatomical Record*.296, 921-932.

Papanikolaou N, Pafilis E, **Nikolaou S**, Ouzounis CA, Iliopoulos I, Promponas VJ. (2011) BioTextQuest: a web-based biomedical text mining suite for concept discovery. *Bioinformatics*. 27(23):3327-8