

# ANDREA CHRISTOFIDES

## PERSONAL

Address: University of Cyprus, Department of Biological Sciences,  
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Date of Birth: 7<sup>th</sup> December 1988

Place of Birth: Binghamton, New York, USA

## EDUCATION

September 2011-Present University of Cyprus  
PhD in Molecular Biology  
Main research interests: Transcriptional regulation by  
microRNAs and microRNA function in renal diseases

October 2010 Imperial College, UK  
M.Sc., Human Molecular Genetics - Merit  
Project Title: Identification of possible genetic causes of  
congenital malformations/ delay in patients with known  
complex chromosome rearrangements

June 2009 University of Birmingham, UK  
B.Sc. (Hons), Biological Sciences (Genetics)

*3<sup>rd</sup> Year Modules:* Prokaryotic Genetics and Gene  
Regulation, Eukaryotic Gene Expression, Omics-  
exploiting Genomic Data, Cancer Biology, Molecular and  
Cellular Immunology

*Final Year Project:* Is the Y chromosome at risk of  
disappearing? (Literature Review Project)

June 2006 Apostolos Varnavas Lyceum, Nicosia, CYPRUS  
Apolytirion, grade point average: 19.75/20

June 2003 Dianellou & Theodotou Gymnasium, Nicosia, CYPRUS  
Apolytirion, grade point average: 19.5/20 (ranked first in  
the school)

## PROFESSIONAL EXPERIENCE

- November 2017 - Present    Cyprus Institute of Neurology and Genetics  
Part-time Voluntary placement at the Clinical Genetics clinic.  
Participation in counselling sessions, taking of family and patient histories and administrative duties.
- June 2017 – Present        University of Cyprus-Special Scientist  
Participation in the research project titled "A prospective study of patients with Mucin-1 Kidney Disease in Cyprus and biomarker discovery", a collaboration with the Broad Institute of MIT and Harvard. Roles include collection of blood and urine samples from patients, processing of urine samples and conducting lab experiments, participation in meetings with patients and their families and assistance in the organisation of seminars.
- Summer 2008                Five-week fellowship: Laboratory of Molecular and Medical Genetics, Department of Biological Sciences, University of Cyprus. Investigating the role of genetic variants in the MTHFR gene, which confers a prothrombotic risk, in a cohort of patients with childhood onset Steroid Resistant Nephrotic Syndrome.  
Head of Laboratory: Professor Constantinos Deltas

## PUBLICATIONS

Evidence for the regulation of *FOXC2* transcription by miR-548c-5p through a distal genomic target site  
Christofides Andrea, Papagregoriou Gregory, Dweep Harsh, Makrides Neoklis, Gretz Norbert, Felekkis Kyriacos, Deltas Constantinos (Submitted).

## PARTICIPATION IN INTERNATIONAL AND LOCAL CONFERENCES

- June 2017                    Scientific Retreat - Department of Biological Sciences, University of Cyprus  
Christofides A, Papagregoriou G, Dweep H, Gretz N, Felekkis N, Makrides N, Deltas C. The potential role of mir-548c-5p as a regulator of *FOXC2* transcription to control podocyte differentiation. (Oral Presentation)
- May 2016                    European Human Genetics Conference, Barcelona, Spain  
Christofides A, Papagregoriou G, Dweep H, Gretz N, Felekkis N, Deltas C. The potential role of mir-548c-5p as a regulator of *FOXC2* transcription to control podocyte differentiation. (Poster presentation)

- October 2014 Cell Symposia – Regulatory RNAs Berkeley, CA, USA  
Christofides A, Papagregoriou G, Dweep H, Gretz N, Felekkis KN, Deltas C (2014) The potential role of mir-548c-5p as a regulator of *FOXC2* transcription to control podocyte differentiation. (Poster Presentation)
- April 2013 EMBO Practical Course: Analysis of small non-coding RNAs: From discovery to function, EMBL, Heidelberg  
Christofides A, Papagregoriou G, Dweep H, Gretz N, Felekkis KN, Deltas C (2013) MicroRNAs are potential regulators of gene transcription by their direct binding on intergenic DNA target sequences in human cells: The hsa-miR-548c-5p example. (Oral Presentation)
- November 2012 Faculty of Pure and Applied Sciences, University of Cyprus  
Christofides A, Papagregoriou G, Dweep H, Gretz N, Felekkis KN, Deltas C (2012) MicroRNAs are potential regulators of gene transcription by their direct binding on intergenic DNA target sequences in human cells: The hsa-miR-548c-5p example. (Poster Presentation)