

## PERSONAL INFORMATION

<b>First name</b>	Iris-Angeliki
<b>Last name</b>	Kontogianni
<b>Date of birth</b>	30/03/1990
<b>Nationality</b>	Greek
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## EDUCATION

- **September 2016 –present:** Phd Candidate, Chemical Engineering Department, *National Technical University of Athens*

**Dissertation:** *'Biophysical and biochemical characterization of calmodulin mutations and their impact on calcium-signaling pathways- Molecular mechanisms of disease'*

**Dissertation Advisor:** George Nounesis, Laboratory of Biomolecular Physics, *National Center for Scientific Research 'Demokritos'*

- **2008-2015:** BSc Diploma in Chemical Engineering, Chemical Engineering Department, *Aristotle University of Thessaloniki*

**Honor's Thesis:** *'Encapsulation and sorption of biological active compounds on alginate and calcium silicate respectively'*

## DISTINCTIONS

- **2018-2021:** Thesis dissertation fellowship from 'National Scholarships Foundation (IKY)'

## REASERCH INTERESTS AND EXPERIMENTAL TECHNIQUES

- Protein-protein interactions, interaction of proteins with small ligands
- Protein expression and purification.
- Protein structure-based thermodynamic studies.
- Isothermal Titration Calorimetry.
- Circular Dichroism Spectroscopy.
- Fluorescence spectroscopy.
- UV spectroscopy.

## LANGUAGES

- **Greek:** Native Language
- **English:** Proficient User (Cambridge,CPE )
- **French:** Independent User (Level B2)

## CONFERENCES-SEMINARS-WORKSHOPS

- **20-24 May 2019:** Gordon Research Conference (GRC),Tuscany, Italy.
- **18-19 May 2019:** Gordon Research Seminar (GRS),Tuscany, Italy.
- **February 2016:** ‘Dilemmas in structural biology: selection and integration of methods’, organized by Instruct-EL & held at the National Hellenic Research Foundation Athens, Greece
- **June 2015:** 10<sup>th</sup> Greek Scientific Chemical Engineering Conference, Patra, Greece.
- **May 2011:** 8<sup>th</sup> Greek Scientific Chemical Engineering Conference, Thessaloniki, Greece.

## PUBLICATIONS

### 1. Calmodulin Mutations Associated with Congenital Cardiac Disease Display Novel Biophysical and Biochemical Characteristics

*Michail Nomikos, Angelos Thanassoulas, Brian L. Calver, Konrad Beck, Vyrionia Vassilakopoulou, Luke Buntwal, Iris Kontogianni, Adrian Smith, Bared Safieh-Garabedian, Evangelia Livaniou, Egon Steen Toft, George Nounesis, F. Anthony Lai.*

*Biophysical Journal (2018) 114(3):467a*

*DOI: 10.1016/j.bpj.2017.11.2575*

### 2. Arrhythmogenic calmodulin E105A mutation alters cardiac RyR2 regulation leading to cardiac dysfunction in zebrafish

*Sahar I. Da'as, Angelos Thanassoulas, Brian L. Calver, Konrad Beck, Rola Salem, Alaaeldin Saleh, Iris Kontogianni, Ali Al-Maraghi, Gheyath K. Nasrallah, Bared Safieh-Garabedian, Egon Toft, George Nounesis, F. Anthony Lai and Michail Nomikos*

*Annals of the New York Academy of Sciences (2019)*

*DOI: 10.1111/nyas.14033*

## PRESENTATIONS IN CONFERENCES

### POSTER PRESENTATIONS

- **June 2015:** 10<sup>th</sup> Greek Scientific Chemical Engineering Conference, Patra, Greece.

**‘Encapsulation and release of antioxidants in alginate, alginate-polyethylene glycol polymers.’**

*Papaioannou X., Kontogianni I.A., Liakopoulou-Kyriakides M.*

- **17-21 February 2018:** 62<sup>nd</sup> Annual Meeting of the Biophysical Society, San Francisco, USA

**‘Calmodulin Mutations Associated with Congenital Cardiac Disease Display Novel Biophysical and Biochemical Characteristics’**

*Nomikos M., Thanassoulas A., Calver B.L., Beck K., Vassilakopoulou V., Buntwal L., Smith A., Kontogianni I., Safieh-Garabedian B., Livaniou E., Toft E., Nounesis G., Lai F.A.*

- **2-6 March 2019:** 63<sup>rd</sup> Annual Meeting of the Biophysical Society, Baltimore, USA

**‘The arrhythmogenic E105A CaM mutation dysregulates normal cardiac function in zebrafish by altering CaM-Ca<sup>2+</sup> and CaM-RyR2 interactions’**

*Michail Nomikos, Sahar I. Da’as, Angelos Thanassoulas, Rola Salem, Brian L. Calver, Alaaeldin Saleh, Iris Kontogianni, Ali Al-Maraghi, Gheyath K. Nasrallah, Bared Safieh-Garabedian, Egon Toft, George Nounesis, F. Anthony Lai*

- **18-19 May 2019:** Gordon Research Seminar (GRS),Tuscany, Italy.

**‘Biophysical study of calmodulin mutations associated with congenital cardiac disease’**

*Kontogianni I., Nomikos M, Beck K., Thanassoulas A., Lai F.A., Nounesis G*

- **20-24 May 2019:** Gordon Research Conference (GRC),Tuscany, Italy.

**‘Biophysical study of calmodulin mutations associated with congenital cardiac disease’**

*Kontogianni I., Nomikos M, Beck K., Thanassoulas A., Lai F.A., Nounesis G*