

## Personal information

First name(s) / Surname(s) **Sofia Iris Bibli**  
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Nationalities Greek  
Date of birth 02.11.1988  
Gender Female

## Education and training

Dates 22nd February- onwards  
Title of qualification awarded PHD Student  
Principal subject "Hydrogen sulphide : A new signalling molecule in cardiovascular system."  
Name and type of organisation National and Kapodistrian University of Athens, Faculty of Pharmacy, Pr.I.Andreadou  
providing education and training

Dates 14th May-10th June 2012  
Occupational skills covered Training in in vivo murine myocardial ischemia reperfusion model  
Name and type of organisation The Hatter Cardiovascular Institute, University College London, London, UK, Pr. D. Yellon  
providing education and training (Scholarship from Cost Action BM1005)

Dates November 2011 – February 2013  
Title of qualification awarded Post-graduate Master Student (9,9)  
Principal subjects/occupational skills covered Thesis title: "Hydrogen sulphide: A new signalling molecule in myocardial infraction" , specialisation  
"Molecular Pharmacology"  
Name and type of organisation University of Patras, Faculty of Pharmacy, Pr.A.Papapetropoulos  
providing education and training

Dates 2006 – 2011  
Title of qualification awarded Bachelor of Pharmacy  
Principal subjects/occupational skills covered Thesis title: "Exogenous hydrogen sulphide induces pharmacological postconditioning in anesthetised  
new Zealand white male rabbits through PKG activation"  
Name and type of organisation National and Kapodistrian University of Athens, Faculty of Pharmacy, Pr.I.Andreadou  
providing education and training

## Work experience

Dates	5th March 2013-onwards
Main activities and responsibilities	Research on Pharmacology
Name and address of employer	ELKE University of Patras, Papapetropoulos Andreas, National Strategic Reference Framework Research Funding Program ARISTEIA
Type of business or sector	Laboratory in University, Faculty of Pharmacy
Dates	5th October 2012-5th March 2013
Main activities and responsibilities	Research on Pharmacology
Name and address of employer	ELKE University of Patras, Papapetropoulos Andreas, National Strategic Reference Framework Research Funding Program SYNERGASIA
Type of business or sector	Laboratory in University, Faculty of Pharmacy
Dates	December 2011-October 2012
Main activities and responsibilities	Research on molecular Pharmacology-experimental Cardiology
Name and address of employer	Cardiovascular Research Institute, Vice president Prof. Th. Kolettis
Type of business or sector	Laboratory in Research Institute
Dates	November 2009-March 2013
Main activities and responsibilities	Research on Pharmacology
Name and address of employer	Pr.I. Andreadou, Departement of Pharmaceutical Chemistry, Faculty of Pharmacy, National and Kapodistrian University of Athens
Type of business or sector	Laboratory in University, Faculty of Pharmacy
Dates	November 2008-October 2009
Occupation or position held	Bachelor student
Main activities and responsibilities	Research in Pharmacognosy
Name and address of employer	Pr.A. Skaltsounis, Department of Pharmacognosy, Faculty of Pharmacy, National and Kapodistrian University of Athens
Type of business or sector	Laboratory in University, Faculty of Pharmacy

## Publications

1. **Endothelin-B receptors and left ventricular dysfunction after regional versus global ischaemia-reperfusion in rat hearts.** Sofia-Iris Bibli, Eleni V. Toli, Agapi D. Vilaeti, Varnavas C. Varnavas, Giannis G. Baltogiannis, Apostolos Papalois, Zenon S. Kyriakides, and Theofilos M. Kolettis, Cardiovascular Research and Practice, 2012;2012:986813
2. **Discovery of 6-[4-(6-nitroxyhexanoyl)piperazin-1-yl]-9H-purine, as pharmacological post-conditioning agent.** Koufaki M, Fotopoulou T, Iliodromitis EK, Bibli SI, Zoga A, Kremastinos DT, Andreadou I. Bioorg Med Chem. 2012; 20(19):5948-56. (IF: 2.921).
3. **Various models of cardiac conditioning in single or sequential periods of ischemia: comparative effects on infarct size and intracellular signalling.** E. K. Iliodromitis, D. Farmakis, I. Andreadou\*, A. Zoga, S.-I. Bibli, T. Manolaki, N. Dages, E.K. Iliodromitis, M. Anastasiou-Nana, D.Th. Kremastinos. Int J Cardiol 2012; S0167-5273(12)01642-7 (IF: 7.078).
4. **Myocardial protection provided by chronic skeletal muscle ischemia is not further enhanced by ischemic pre- or postconditioning: Comparative effects on intracellular signaling.** Bibli SI, Andreadou I, Lazaris E, Zoga A, Varnavas V, Andreou CC, Dages N, Iliodromitis EK, Kyriakides ZS. J Cardiovasc Pharmacol Ther. 2013 Oct 31. (IF:2.380)

## Posters/Oral presentations

1. **Hydrogen sulfide induces pharmacological postconditioning in anesthetized rabbits through PKG activation.** I. Andreadou, SI. Bibli, Z. Zhou, A. Zoga, DTH. Kremastinos, M. Anastasiou-Nana, EK. Iliodromitis, A. Papapetropoulos, 2011, ECS, Paris (poster)
2. **Acute administration of pravastatin in contrast to simvastatin and postconditioning reduces infarct size in hyperlipidemic rabbits through activation of endothelial nitric oxide synthase and attenuation of nitrosative stress.** I. Andreadou, E. Prokvas, A. Zoga, SI. Bibli, F. Sigala, M. Anastasiou-Nana, DTH. Kremastinos, EK. Iliodromitis. 2011, ECS, Paris (poster)
3. **In vivo pharmacological postconditioning by hydrogen sulfide through PKG activation.** I. Andreadou, SI. Bibli, Z. Zhou, A. Zoga, DTH. Kremastinos, M. Anastasiou-Nana, EK. Iliodromitis, A. Papapetropoulos 2012, ISHR, Belgrade (poster)
4. **The role of nitric oxide donors as pharmacological postconditioning agents.** I. Andreadou, A. Georgakopoulos, SI. Bibli, A. Zoga, M. Koufaki, DTH. Kremastinos, M. Anastasiou-Nana, EK. Iliodromitis 2012, ISHR, Belgrade (poster)
5. **Thioglycine, a novel H<sub>2</sub>S donor, exerts cardioprotection in anesthetized rabbits through activation of AKT.** SI Bibli, I Andreadou, A Zoga, S Vasileiou, M. Anastasiou-Nana, DTH Kremastinos, E. Iliodromitis, A. Papaetropoulos, ECS 2013, Amsterdam (poster)
6. **The olive constituent oleuropein triggers a postconditioning-like effect in anesthetized rabbits through GSK3b inhibition and JAK/STAT activation.** I. Andreadou, SI. Bibli, M. Konstantinou, S. Vasileiou, E. Gikas, N. Lemonakis, DTH. Kremastinos, M. Anastasiou-Nana, AL. Skaltsounis, EK. Iliodromitis. ECS 2013, Amsterdam (oral presentation)
7. **Exogenous hydrogen sulfide induces pharmacological postconditioning in anesthetized rabbits through AKT/PKG/PLB activation, independently of mitoKATP channels opening and JAK/STAT pathway.** SI. Bibli, I. Andreadou, Z. Zhou, DTH. Kremastinos, M. Anastasiou-Nana, EK. Iliodromitis, A. Papapetropoulos. ECS 2013, Amsterdam (poster)
8. **Remote preconditioning limits the infarct size in anaesthetized rabbits after stimulation of STAT5, independently of the RISK and SAFE pathways.** I. Andreadou, E. Mastromanolis, SI. Bibli, A. Zoga, N. Dages, DTH. Kremastinos, M. Anastasiou-Nana, EK. Iliodromitis. ECS 2013, Amsterdam (moderate poster)
9. **Ranolazine triggers pharmacological preconditioning and postconditioning in anesthetized rabbits through activation of RISK pathway.** I. Andreadou, SI. Bibli, P. Efentakis, S. Vasileiou, N. Pouli, A. Zoga, M. Anastasiou-Nana, DTH. Kremastinos, EK. Iliodromitis. ECS 2013, Amsterdam (poster)
10. **Investigating the role of GSK3beta kinase as a molecular target for myocardial infarct size reduction by using novel pharmacological inhibitors.** I. Andreadou, A. Lazari, SI. Bibli, N. Gaboriaud-Kolar, AL. Skaltsounis, A. Zoga, N. Dages, DTH. Kremastinos, M. Anastasiou-Nana, EK. Iliodromitis. ECS 2013, Amsterdam (oral presentation)

## Scholarships

1. BODOSSAKI FOUNDATION SEMINAR SERIES IN BIOLOGY AND MEDICINE , 4-8 September 2011, Vavrona , Attikis.
2. COST Action BM1005, The Hatter Cardiovascular Institute, May-June 2012 , London, UK

## Personal skills and Competences

Mother tongue(s) Greek  
Other language(s) English(excellent)  
German(good)

Technical skills and competences Familiar with a variety of techniques such as Western Blot, Immunoprecipitation, RNA extraction, RT-PCR, Oxidative Stress Assays, Elisa Assay, In vivo I/R in rabbits and mice, Hind limb ischemia in rabbit, Isolated heart (Langendorff).

Computer skills and competences Microsoft Windows – Microsoft Office 2007 (Word, Excel, PowerPoint), ECDL (Word, Excel, Internet, Power Point, Access)

Additional information Papapetropoulos A. ([apapapet@upatras.gr](mailto:apapapet@upatras.gr)), Andreadou I. ([jandead@pharm.uoa.gr](mailto:jandead@pharm.uoa.gr)), Kolettis Th. ([thkolet@cc.uoi.gr](mailto:thkolet@cc.uoi.gr))