



National Hellenic Research Foundation



Örebro University

8th Swedish-Hellenic Life Science Research Conference 12-13 October 2015, Athens, Greece

Hosted by:

Institute of Biology, Medicinal Chemistry & Biotechnology (IBMCB)
National Hellenic Research Foundation, Athens, Greece

Conference Organizers:

Dr Alexander Pintzas, Director of IBMCB-NHRF

Institute of Biology, Medicinal Chemistry & Biotechnology

E-mail: apint@eie.gr

Professor Nikolaos Venizelos

School of Health & Medical Sciences (SHMS), Örebro University

E-mail: nikolaos.venizelos@oru.se

Conference Venue:

Amphitheatre "Leonidas Zervas", National Hellenic Research Foundation

48, Vassileos Constantinou Avenue, Athens, Greece (www.eie.gr)

Organizing committee

Örebro University

School of Health and Medical Sciences (SHMS)

Allan Sirsjö, Professor
Nikolaos Venizelos, Professor Emeritus
Magnus Grenegård, Professor
Anita Hurtig-Wennlöf, Assoc. Professor
Johnny Karlsson, PhD, Research Coordinator
Karin Franzen, PhD, Docent
Mikael Ivarsson, Docent
Maria Fernström, PhD, Lecturer

NHRF

Institute of Biology, Medicinal Chemistry & Biotechnology (IBMCB)

Michael Alexis, PhD, Researcher
Evangelia D. Chrysina, PhD, Docent ÖRU
Efsthios Gonos, PhD, Docent ÖRU
Fragiskos Kolisis, Professor (NTUA)
Cheryl Novak, Education Advisor
Georgios Skretas, PhD, Researcher
Aris Xenakis, PhD, Docent ÖRU
Maria Zervou, PhD, Researcher

School of Science and Technology, The Life Science Centre (LSC)

Per-Erik Olsson, Professor
Nikolai Scherbak, PhD, Lecturer

Participating Organizations

National Hellenic Research Foundation (NHRF)

- Institute of Biology, Medicinal Chemistry & Biotechnology (IBMCB)

School of Health and Medical Sciences (SHMS) & School of Medicine (SM), Örebro University

- Cardiovascular Research Centre (CVRC)
- Nutrition-Gut-Brain Interactions Research Centre (NGBI)
- Inflammatory Response and Infection Susceptibility Centre (iRiSC)

School of Science and Technology (SST), Örebro University

- The Life Science Centre (LSC)

School of Medicine, University of Athens (SMUA)

- Critical Care Department, Evangelismos Hospital

National Technical University of Athens (NTUA)

- School of Chemical Engineering

Institute of Chemical Engineering Sciences, Foundation for Research & Technology-Hellas (FORTH/ICE-HT), Patra, Greece

History – Background

The Örebro University has a long-standing cooperation with NHRF that dates back to 2005. The cooperation was formally established in 2008 and was marked with a Letter of Intent signed by both sides declaring the mutual intention of the two organizations to collaborate in the areas of Medical and Life Sciences research.

It has already led to four conjoint PhD students (one complete PhD thesis), three Docentships, six publications in peer-reviewed journals and 20 proceedings in scientific conferences/workshops.



November 7th 2008, at NHRF. Prof. Jens Schollin, Vice-Chancellor of Örebro University and Prof. Dimitrios Kyriakidis, Director of NHRF (at this time), signed a **"Letter of Intent"** declaring their intention to collaborate in the areas of Medical and Life Science research. [<http://www.eie.gr/nhrf/news/orebro-agreement/nhrf-orebro-agreement2008-gr.html>]

Aim

The 8th Swedish-Hellenic Life Science Conference will focus on integrated approaches in the fields of research interests developed in the Örebro University and the National Hellenic Research Foundation.

Invited speakers

Prof. Serafim Nanas, Critical Care Department, Evangelismos Hospital, School of Medicine, University of Athens

Dr Maria Klapa, Principal Researcher, Head of Metabolic Engineering & Systems Biology Laboratory, Institute of Chemical Engineering Sciences, Foundation for Research & Technology-Hellas (FORTH/ICE-HT), Patra

Sessions

Session 1: Latest advances/ongoing research activities in ORU and NHRF

Session 2: Conjoint doctoral mid-term examinations

Session 3: Brainstorming & Working groups

Session 4: Funding opportunities

Session 5: Joint educational activities

Session 6: Future cooperation & Strategic plan for 2015-2020

Programme, Monday, October 12 th 2015 *		
08:30-09:30	Registration	
09:30-09:40	Welcome - Introduction to the Conference	Dr A. Pintzas, Director of IBMCB-NHRF Prof. N. Venizelos, Örebro University
09:40-10:20	Opening salutation Dr Vasilis Gregoriou, Director of NHRF Prof. Allan Sirsjö, Program/Research Director Medical Science (ÖRU) H.E. Ambassador of Sweden, Mrs. Charlotte Wrangberg Mr. John D. Saracakis, Chairman, Hellenic-Swedish Chamber of Commerce (HSCC) Prof. Vassilis Dourtoglou, Vioryl S.A.	
Session 1-a	Latest advances/ongoing research activities in ÖRU and NHRF <i>Chair: Prof. Nikolaos Venizelos, Dr Michael Alexis</i>	
10:20-10:50	Prof. Magnus Grenegård, Deputy head SM, CVRC, Örebro University	Cardiovascular Research at Örebro University- Thrombosis and inflammation
10:50-11:20	Coffee break	
11:20-11:50	Prof. Serafim Nanas School of Medicine, University of Athens	Exercise rehabilitation and endothelial progenitor cells
11:50-12:10	Assoc. Prof. Anita Hurtig-Wennlöf SHMS, CVRC, Örebro University	Lifestyle factors and macrovascular responses
12:10-12:30	Docent Karin Franzen SHMS, CVRC, Örebro University	NLRP3 inflammasome in cardiovascular disease
12:30-13:00	Dr Maria Klapa FORTH/ICE-HT, Patra, Greece	Metabolomics and Network Analysis in Systems Biology & Bioengineering: Opportunities & New Directions
13:00-14:00	Lunch break	
	<i>Chair: Dr Niki Chondrogianni, Dr Ioannis Kostas</i>	
14:00-14:30	Assoc. Prof. Mikael Ivarsson SHMS, iRiSC, Örebro University	Innate Immunity in Health and Disease Research - Role of inflammatory mediators for stromal cell function
14:30-14:45	Dr Angeliki Meligova, IBMCB, NHRF	Natural compounds for preventing post- menopausal osteoporosis (I): The case of Kaempferol
14:45-15:00	Ilias Matis, PhD-student, IBMCB, NHRF	Bacterial biosynthesis & high-throughput screening of cyclic peptides with potential therapeutic properties for Alzheimer's disease
Session 2	Conjoint doctoral mid-term examinations	
15:00-16:00	Doctoral: Title: Chair: Committee:	Maria Chatzidaki <i>"Formulation and characterization of W/O nano-dispersions used for bioactive delivery applications"</i> . Prof. Allan Sirsjö, Örebro University Prof. Nikolaos Venizelos, Örebro University Docent Evangelia Chrysina, NHRF
16:00-16:15	Coffee break	

Session 2	Conjoint doctoral mid-term examinations (cont.)	
16:15-17:15	Doctoral: Title: Chair: Committee:	Marianthi Logotheti <i>"Systems biology studies in mental diseases"</i> Prof. Allan Sirsjö, Örebro University Prof. Andreas Boudouvis, NTUA Assoc. Prof. Mikal Ivarsson, Örebro University
17:30-18:30	Doctoral: Title: Chair: Committee:	Marianthi Sakellari <i>"Functional analysis of the proteasome in eukaryotic organisms"</i> Prof. Nikolaos Venizelos, Örebro University Prof. Magnus Grenegård, Örebro University Docent Aris Xenakis, NHRF
20:00	Conference Dinner	

*Reservation for modifications



Upper left: The Hellenic delegation at the 1st Swedish-Hellenic Life Science Conference, 24-26 May 2007, Örebro, Sweden.
Upper Right: The 1st official visit at NHRF, Profs. N. Venizelos & A. Sirsjö handing over a present from Örebro University
Down left: The Swedish delegation at 2nd Swedish-Hellenic Conference, October 2007, NHRF, Athens, Greece.
Down Right: Preparatory meeting with the President of NHRF, Dr Vasilis Gregoriou, concerning the 8th Swedish-Hellenic Conference, October 12-13, 2015

Programme, Tuesday, October 13 th 2015 *		
Session 1-b	Latest advances/ongoing research activities in ORU and NHRF (cont.) <i>Chair: Prof. Per-Erik Olsson, Dr Aris Xenakis</i>	
09:00-09:30	Assist. Prof. Nikolai Scherbak SST, LSC, Örebro University	The Life Science Center – from basic science to applied research
09:30-10:00	Dr Johnny Karlsson, Research Coord. SHMS, NGBI, Örebro Univ.	Approaches to unraveling the mysteries of Nutrition-Microbe-Gut-Brain Interactions
10:00-10:15	Dr Marina Devetzi, IBMCB, NHRF	Death receptor 5 and selected IAPs as diagnostic and potentially predictive markers in colorectal cancer
10:15-10:30	Maria Lefaki, PhD-student IBMCB, NHRF	Study of the molecular crosstalk between proteasome and nucleotide excision repair during ageing
10:30-10:45	Dr Alia-Cristina Tenchiu, IBMCB, NHRF	Design and synthesis of new amide and urea derivatives as potent inhibitors of BRAF protein
10:45-11:00	Dr Aggelos Avramopoulos, IBMCB, NHRF	Simulating interactions between nanoparticles and biological systems with the aid of ab-initio methods.
11:00-11:30	Coffee break	
Session 3	Brainstorming – working groups <i>Chair: Prof. Anita Hurtig-Wennlöf, Docent Evangelia Chrysina</i>	
11:30-12:20	Creation of groups and discussion on theme of interest	
12:20-13:00	Presentations, output from working groups	
13:00–14:00	Lunch break	
Session 4	Funding opportunities <i>Chair: Dr Maria Zervou, Dr Johnny Karsson</i>	
14:00-14:15	Dr Cristina Pascual, National Contact Point for Horizon 2020 & Enterprise Europe Network-Hellas, NHRF	
14:15-14:30	Dr Johnny Karsson, Research Coordinator, Grants Office, Örebro University	
14:30-14:45	Free discussion	
Session 5	Joint educational activities <i>Chair: Prof Allan Sirsjö, Dr Georgios Skretas</i>	
14:45-15:00	Karin Franzen, Docent, Örebro University	
15:00-15:15	Cheryl Novak, Advisor, Education Activities, NHRF	
15:15-15:30	Free discussion	
15:30-15:50	Coffee break	

Session 6	Future cooperation & Strategic plan for 2015-2020 <i>Chair: Prof. Magnus Grenegård, Docent Stathis Gonos</i>
15:50-17:00	Dr Vasilis Gregoriou, Director NHRF Dr Alexander Pintzas, Director of IBMCB-NHRF Prof. Allan Sirsjö, Program/Research Director Medical Science, ÖRU Prof. Per-Erik Olsson, Biology, LSC, ÖRU Prof. Nikolaos Venizelos, ÖRU Prof. Fragiskos Kolisis, NTUA-NHRF
17:00-17:15	Closing remarks

***Reservation for modifications**

Information Event, Tuesday, October 13 th 2015	
17:15-18:00	Presentation of the Master Programs available at the School of Medicine, Örebro University 1. Cardiovascular Medicine, 120 credits 2. Nutritional Molecular Medicine and Bioinformatics, 120 credits 3. Innate Immunity in Health and Disease, 120 credits



Upper left: Poster presentations at the 3rd Swedish-Hellenic Conference, NHRF 25-27 March 2010, Athens

Upper Right: 1st conjoint PhD-course "Systems Biology" & 4th Swedish-Hellenic Conference, Oct 2011, Athens

Down: 2nd conjoint PhD-course, "Systems Biology & Human Diseases" & 5th Swedish-Hellenic Conference, Oct 2012, Athens

Registration details

IBMCB-NHRF

Secretariat

Ms Fotini Kalatzi

Telephone: (+30) 2107273868

E-mail: fotkalatzi@eie.gr

Supported by:



Address

National Hellenic Research Foundation

48, Vassileos Constantinou Avenue
Athens, 11635 Athens, Greece
www.eie.gr

Örebro University

Fakultetsgatan 1
701 82 Örebro, Sweden
www.oru.se



The conjoint 4 PhD students:

Marianthi Logotheti

Mirella Sakellari

Argyro Kalaitzaki

Maria Chatzidaki

Argyro Kalaitzaki, The first
conjoint Doctoral
Dissertation, June 9, 2014,
Örebro University, Sweden



List of participants

	Participants	E-mail	University-Affiliation
1	Alexis Michael, PhD, Researcher	mnalexis@eie.gr	IBMCB-NHRF
2	Avramopoulos, Aggelos, PhD, Postdoc	aavram@eie.gr	IBMCB-NHRF
3	Boudouvis Andreas, Professor	boudouvis@chemeng.ntua.gr	NTUA
4	Chatzidaki Maria, PhD student, ÖRU	mhatzidaki@eie.gr	IBMCB-NHRF
5	Chondrogianni Niki, PhD, Researcher	nikichon@eie.gr	IBMCB-NHRF
6	Chrysina Evangelia, PhD, Docent ÖRU	echrysina@eie.gr	IBMCB-NHRF
7	Devetzi Marina, PhD, Postdoc	mdevetzi@eie.gr	IBMCB-NHRF
8	Dourtoglou Vasilis, Professor	vdourt@teiath.gr	VIORYL S.A
9	Fernström Maria, PhD, Lecturer	maria.fernstrom@oru.se	SHMS-ÖRU
10	Franzen Karin, PhD, Docent	karin.h.franzen@oru.se	SHMS-ÖRU
11	Gonos Efstathios, PhD, Docent, ÖRU	sgonos@eie.gr	IBMCB-NHRF
12	Gregoriou Vassilis, PhD, Director of NHRF	vgregoriou@eie.gr	NHRF
13	Grenegård Magnus, Professor	magnus.grenegard@oru.se	SHMS-ÖRU
14	Hurtig-Wennlöf, Anita Assoc. Professor	anita.hurtig-wennlof@oru.se	SHMS-ÖRU
15	Ivarsson, Mikael, PhD, Docent	mikael.ivarsson@oru.se	SHMS-ÖRU
16	Karlsson Johnny, PhD, Research Coordinator	johnny.kalsson@oru.se	SHMS-ÖRU
17	Keramida Sofia, Communications and Cultural Officer	sofia.keramida@gov.se	EMBASSY OF SWEDEN
18	Klapa Maria, PhD, Researcher	mklapa@iceht.forth.gr	FORTH/ICE-HT
19	Kolisis Fragiskos, PhD, Professor	kolisis@chemeng.ntua.gr	NTUA-NHRF
20	Kostas Ioannis, PhD, Researcher	ikostas@eie.gr	IBMCB-NHRF
21	Lefaki Maria, PhD Student	lefakimaria@yahoo.gr	IBMCB-NHRF
22	Logotheti Marianthi, PhD student/ÖRU	mlogotheti@hotmail.com	IBMCB-NHRF
23	Matis Ilias, PhD Student	iliasmatis@eie.gr	IBMCB-NHRF
24	Meligova Angeliki, PhD, Postdoc	ameligko@eie.gr	IBMCB-NHRF
25	Mitsiou Dimitra, PhD, Researcher	dmitsiou@eie.gr	IBMCB-NHRF
26	Nanas Serafim, Professor	sernanas@gmail.com	SMUA
27	Novak Cheryl, Advisor, Education Activities	cnovak@eie.gr	NHRF
28	Olsson Per-Erik, Professor	per-erik.olsson@oru.se	LSC-ÖRU

29	Papadimitriou Vassiliki, PhD, Researcher	vpapa@eie.gr	IBMCB-NHRF
30	Pascual Cristina, PhD, NCP	cpascual@ekt.gr	NDC-NHRF
31	Pintzas Alexander, PhD, Director of IBMCB	apint@eie.gr	IBMCB-NHRF
32	Pletsa Vassiliki, PhD, Researcher	vpletsa@eie.gr	IBMCB-NHRF
33	Sakellari Marianthi PhD student, ÖRU	mirella_sak@hotmail.com	IBMCB-NHRF
34	Saracakis, John D. Chairman	chairman@hellenic-swedishcc.gr	HSCC
35	Scherbak Nikolai, PhD, Lecturer	nikolai.scherbak@oru.se	LSC-ÖRU
36	Sirsjö Allan, Professor	allan.sirsjo@oru.se	SHMS-ÖRU
37	Skretas Georgios, PhD, Researcher	gskretas@eie.gr	IBMCB-NHRF
38	Souliotis Vassilis, PhD, Researcher	vls@eie.gr	IBMCB-NHRF
39	Tenchiu Alia-Cristina, PhD, Postdoc	tenchiu@eie.gr	IBMCB-NHRF
40	Venizelos Nikolaos, Professor Emeritus	nikolaos.venizelos@oru.se	SHMS-ÖRU
41	Wrangberg Charlotte, Ambassador	charlotte.wrangberg@gov.se	EMBASSY OF SWEDEN
42	Xenakis Aris, PhD, Docent ÖRU	arisx@eie.gr	IBMCB-NHRF
43	Zervou Maria, PhD, Researcher	mzervou@eie.gr	IBMCB-NHRF
44	Zographos Spyros, PhD, Researcher	sez@eie.gr	IBMCB-NHRF
45	Zoumpanioti Maria, PhD, Researcher	mariaz@eie.gr	IBMCB-NHRF
46	Zoumpourlis Vassilis, PhD, Researcher	vzub@eie.gr	IBMCB-NHRF