



**RECOOP HST ASSOCIATION**

**Bridges in Life Sciences 7<sup>th</sup> Annual  
Conference**

**Science and Art for the Advancement in  
Medicine**

**RECOOP HST Consortium 2<sup>nd</sup> Tri-Net Meeting**

**March 30 – April 1, 2012  
Budapest, Hungary**

# Introduction to the Bridges in Life Sciences 7<sup>th</sup> Annual Conference

In 2006 Cedars–Sinai Medical Center (CSMC), Los Angeles, CA, USA with eleven CEE universities and academic organizations from six countries formed the Regional Cooperation for Health, Science and Technology (RECOOP HST) Consortium.

The Consortium is continuously growing and beside the 12 Founding Members additional 8 Associate Members are participating in the research and support networks from Croatia, Czech Republic, Denmark, Hungary, Poland, Romania, Slovakia, Ukraine and USA.

The Consortium's main goal is to enhance research collaboration and provide platforms for scientific networking in life sciences within Europe and Cross – Atlantic. The research priority of the Consortium is women's and child's health in the Visegrad Four European Macro-Region (Czech Republic, Hungary, Poland and Slovakia) and the neighboring countries (Croatia, Romania, Ukraine). The Consortium paves the way toward GLOBAL Research Programs of the National Institutes of Health, the World Health Organization and private funds (Gates, Clinton).

Our activities compliment the U.S. Government's commitment to the Global Health Initiative "is the next chapter in the way U.S. Government agencies conduct global health activities, building on successful bipartisan leadership in global health and expanding their impact for sustainable results around the world."

"The RECOOP HST Consortium explores and enhances LOCAL scientific outputs of the partner organizations, creates critical mass of scientifically sound innovative research at REGIONAL level and exploits the research outcomes at GLOBAL level to improve the prevention of major public health problems.™"

In the RECOOP Research Networks 147 scientists are working in 12 research projects in clinical, basic and translational research studies to investigate biological pathways leading to gender differences in cardiovascular diseases, preterm birth, ovarian, breast and prostate cancer. The Mother and Child Health and the Women's Health and Cardiovascular Diseases retro and prospective clinical research studies are using web based electronic data entry forms (EDEF <http://www.flexiform.hu>).

RECOOP HST Mother and Child Health Network is one of the partners of the International *PRE*term *B*irth Collaborative (PREBIC <http://www.prebic.net>) of the World Health Organization, Department of Reproductive Health and Research (<http://www.who.int/reproductive-health/index.htm>).

Consortium also built support networks for biosafety and biosecurity, animal use in research, clinical research management, scientific communication, and research and innovation management.

Networks have several research activities that complement each other. Therefore the Consortium integrated the multidisciplinary research activities and interconnected research teams in the RECOOP Life Science Research Platform and established the RECOOP Research Cores (Genomics - Proteomics, Metagenomics, Molecular Biology and NanoBioTechnology) sponsored by the International Visegrad Fund (<http://visegradfund.org>) Strategic Grant (31110035) “Future of Visegrad Four Families Depends on Healthy Women and Children”.

In each Research Core the participating universities and research organizations implemented undergraduate and graduate research programs.

RECOOP Life Science Research Platform already realized short term (1-2 years) pilot research studies. The Networks continue the translational and clinical research studies in midterm (5 years), and the RECOOP HST Life Science Research Platform shall plan to continue the clinical research studies for minimum 20 - 30 years and follow up the women, men and newborns registered in the Electronic Data Entry Forms (EDEF) started in 2011.

The Consortium inspires young scientists and clinical researchers for creative thinking, and helps to learn how to make decisions on “publish and disclose” or “publish and protect”. The Consortium is working with the World Intellectual Property Organization (WIPO <http://www.wipo.int>) to train faculty members, managers, young scientists, clinicians and for Ph.D. students who are taking the WIPO World Wide Academy (WWA) Distance Learning (DL) courses.

RECOOP provides training for young scientists to learn proper and scientifically sound communication of their research results in their manuscripts and presentation. The Consortium provides practical training on the presentation of data in the manuscript from the “Introduction, Methods, Results and Discussion” to the “Conclusion” sections of the manuscript and guides the young scientists how to organize data in tables and graphs, presenting results of statistical analysis.

The Consortium organizes annually the Bridges in Life Sciences Conferences to review the scientific progress in the Consortium. During the Bridges in Life Sciences Annual Conference the Scientific Advisory Board selects the top ten young scientists. The winner gets the Cedars – Sinai RECOOP Scholar Grant to visit Los Angeles for two weeks with her/his supervisor. They are visiting research groups and laboratories and presenting their scientific work during research seminars.

The top ten young scientists selected during the Bridges in Life Sciences Annual Conferences have the opportunity to apply for International Visegrad Fund (IVF) Scholarship and receive the

RECOOP Young Scientists Matching Fund. The Visegrad Scholarship is the Visegrad Four European Macro-Region's Fulbright Program. Therefore it could be important to link the Visegrad Scholarship and the Fulbright Foreign Student Program.

The best young scientists get support to apply for Fulbright Foreign Student Program. The International Research and Innovation Management team organizes the host laboratories at CSMC to spend nine months to three years (Ph.D. program) and supports their research. The supervisors of the top ten young scientists get the support to submit application to the Fulbright Visiting Scholar Program and lecture or conduct postdoctoral research.

In November 2011 the RECOOP HST Consortiums was transformed into a Research Association with 17 members from 8 countries. The newly formed RECOOP HST Association's Research Networks are founded on local qualities that created a critical mass at the regional level in well defined geographical regions, with lingual, cultural, historical, economic or political common ground in Central and Eastern Europe. The RECOOP Association's Research Networks could be a model for other regions worldwide in Africa, Asia, North and South America to improve women's and children's health.

In the Global Health Initiative the U.S. Department of State is already building public – private partnership that could be the frame for the regional network development and scientific competitiveness.

A strong public – private partnership would be fundamental for the research networks and for the regional young scientists' life sciences conferences. Besides industry (Pharmaceuticals, Biotechnology & Life Sciences, Health Care Equipment & Services; Food and Beverage, Information Technology, and Energy), we should look for the Bill & Melinda Gates Foundation, Warren Edward Buffett, the William J. Clinton Foundation to take part in the development of the regional networks and conferences.

We should build on the "*Gates-Buffett Giving Pledge*". *On December 9, 2010, Buffett, Bill Gates, and Mark Zuckerberg, signed a promise they called the "Gates-Buffett Giving Pledge", in which they promised to donate to charity at least half of their wealth over time, and invited others among the wealthy to donate 50% or more of their wealth to charity.*

Most cordially,

**Dr. Sandor G. Vari, MD**

Director, International Research and  
Innovation Management Program at Cedars-Sinai Medical Center &  
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# **Bridges in Life Sciences 7<sup>th</sup> Annual Conference & RECOOP HST Association 2<sup>nd</sup> General Assembly**

**March 30–31 and April 1, 2012**

## **Agenda**

### **Venue**

#### **Danubius Hotel Gellert, Hungary**

H-1111 Budapest

Szent Gellert ter 1

Tel: +36 1 889 5500

<http://www.danubiushotels.com/gellert>

**Arrival March 29, 2012 afternoon**

**Departure April 1, 2012 at 14:00 pm**

### **General Information**

**Oral presentation:** 10 minutes and 5 minutes discussion

**Poster presentation:** 5 minutes explanation and 5 minutes discussion. Poster size is width 90 cm x height 120 cm. The posters should be installed on March 29th evening and removed on March 31st evening.

**Gobelin room and the Gallery for Poster section**

**March 29, 2012 Arrival      19:30 Welcome dinner**

Art performance: music, dance

**March 30, 2012**

**Bridges in Life Sciences 7<sup>th</sup> Annual Scientific Conference**

Tea salon

- 9:00**                      **Opening of the 7<sup>th</sup> Annual Scientific Meeting**  
Shlomo Melmed, Senior Vice-President for Academic Affairs,  
Cedars-Sinai Medical Center, Los Angeles, CA, USA
- 9:15 – 13:00              **Plenary Session**  
**Women’s Health and Cardiovascular Diseases**
- 10:45 – 11:15            Coffee Break  
Art performance: music, dance
- 11:15 – 13:00**           **Plenary Session**  
**Women’s Health and Cardiovascular Diseases**
- 13:00 – 14:00            Lunch Break  
Art performance: music, dance
- 14:00 - 15:30            **Mother and Child Health**
- 15:30 – 16:00            Coffee Break  
Art performance: music, dance
- 16:00 – 17:30            **Mother and Child Health**
- 17:45 – 19:45           **Poster Session and Art**  
Gobelin room and the Gallery for Poster section
- 20:00 - 22:00**           **Dinner - Art performance: music, dance**

**March 31, 2012**

**Bridges in Life Sciences 7<sup>th</sup> Annual Scientific Conference**

Tea salon

- |               |  |
|---------------|--|
| 8:45          | Announcements                                      |
| 9:00 – 10:30  | <b>NanoBiotechnology and Cancer Research</b>       |
| 10:30 – 11:00 | Coffee Break                                       |
|               | Art performance: music, dance                      |
| 11:00 – 13:00 | <b>Translational Research and Drug Development</b> |
| 13:00 – 14:00 | Lunch Break  |
|               | Art performance: music, dance                      |
| 14:00 – 14:30 | <b>Cedars's Sietists in RECOOP</b>                 |
| 14:30 – 16:00 | <b>Research Networks' Young Scientist Forum</b>    |
| 16:00 – 16:15 | Coffee Break                                       |
|               | Art performance: music, dance                      |
| 16:15 – 18:00 | <b>Research Networks' Young Scientist Forum</b>    |
| 18:00 – 19:30 | <b>Poster Session – Art</b>                        |
|               | Gobelin room and the Gallery for Poster section    |
| 19:30 – 20:00 | <b>Closing Remarks</b>                             |
| 20:00 – 22:30 | <b>Farewell Dinner</b>                             |
|               | Art performance: music, dance                      |

**April 1, 2012**

**Bridges in Life Sciences 7<sup>th</sup> Annual Scientific Conference**

**Parallel Meetings**

**8:30 – 9:00**            **Announcement of the CSMC RECOOP Young Scholar Award Winner and the Top Ten Young Scholras**

**9:00 – 13:00**            **Young Scientists Training Courses**  
Tea salon                ***From Grant Application to Research Project and Scientifically Sound Publishing***

**11:00 – 11:30**        Coffee Break

Professor William J. Britt, M.D.,  
Department of Pediatrics  
University of Alabama- Birmingham  
Birmingham, Al, USA

**13:00 Lunch Break**

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**09:00 – 11:00**            **RECOOP HST Tri-Net Review Meeting**  
Forrás – room            Women's Health and Cardiovascular Diseases (WH&CVD)  
Mother and Child Health (M&CH)  
NanoBioTechnology for Cancer Treatment (NanoBioTech)

**11:00 – 11:30**            Coffee Break

**11:00 – 13:00**            **RECOOP HST Association 2<sup>nd</sup> General Assembly**  
Forrás – room

**13:00**                    **Lunch Break**

**14:00**                    **DEPARTURE**



**March 30, 2012**

**Bridges in Life Sciences 7<sup>th</sup> Annual Scientific Conference**

Tea salon 9:00 – 9:15	<b>Plenary Session</b> <b>Opening of the 7<sup>th</sup> Annual Scientific Conference</b> Shlomo Melmed, Senior Vice-President for Academic Affairs, Cedars-Sinai Medical Center, Los Angeles, CA, USA
9:15 – 9:45	<b>From Weed Killers and Cannibals to Viruses, Prions, and Nobel Prizes</b> Maramorosch, K., Rutgers-The State University of New Jersey, Entomology Department,
9:45 – 10:00	Piano play Karl Maramorosch
10:00 – 18:00	<b>RECOOP HST Research Networks' Invited Speakers</b>
10:00 – 13:00	<b>Women's Health and Cardiovascular Diseases</b>
10:00 – 10:15	Zoltan Papp, University of Debrecen, Hungary
10:15 – 10:30	Jan Pitha, IKEM, Prague, Czech Republic
10:30 – 10:45	Katarina Sebekova, Comenius University, Slovakia
10:45 – 11:15	<b>Coffee Break – Art performance:</b> music, dance
11:15 – 11:30	Attila Borbely, University of Debrecen, Hungary
11:30 – 11:45	Zora Krivosikova, SMU, Bratislav, Slovakia
11:45 – 12:00	Eduard Lugovskoi, Palladin NASU, Kyiv, Ukraine
12:00 -12:15	Lyubov Lukash, IMBG NASU, Kyiev, Ukraine
12:15 – 12:30	Radivoje Radic, Osijek, Croatia
12:30 -12:45	Tetiana Tatarchuk, Inst. of Pediatrics, NAMSU Kyiv, Ukraine
12:45 – 13:00	Ajvor Lukin, School of Medicine, Split, Croatia
13:00 – 14:00	<b>Lunch Break</b> <b>Art performance:</b> music, dance

**14:00 – 18:00**      **RECOOP HST Research Networks’ Invited Speakers**  
 Tea salon            **Plenary Session**

14:00 – 18:00      **Mother and Child Health**

14:00 – 14:15      Tibor Ertl, University of Pecs, Hungary

14:15 – 14:30      Danuta Zastavna, Inst. of Hered. Pathology, Lviv, Ukraine

14:30 – 14:45      Marian Kacerovsky, Hradec Kralove, Czech Republic

14:45 – 15:00      Gyorgy Falkay, University of Szeged, Hungary

15:30 – 16:00      **Coffee Break**

**Art performance:** music, dance

16:00- 16:15 William J. Britt, University of Alabama, Birmingham, USA

16:15 – 16:30      Iuliana Ceausu, “Carol Davila” Bucharest, Romania

16:45 – 17:00      Jochem M.D. Galama, Nijmegen, Netherlands

17:00 – 17:15      Sinisa Sijanovic, School of Medicine, Osijek, Croatia

17:15 – 17:30      Vira Pirohova, DHLNMU, Lviv, Ukraine

17:30 – 17:45      Ivana Musilova, Hradec Kralove, Czech Republic

17:45 – 18:00      Marija Heffer, School of Medicine, Osijek, Croatia

18:00 – 19:45      **Poster Session and Arts**  
 Gobelin room and the Gallery for Poster section

**Women’s Health and Cardiovascular Disease**

**Mother and Child Health**

**NanoBiotechnology and Cancer Research**

**Translational Research and Drug Development**

**Art performance:** music, dance

**20:00 – 22:00**      **Dinner**  
 Art performance: music, dance

**March 31, 2012**

**Bridges in Life Sciences 7<sup>th</sup> Annual Scientific Conference**

Tea salon

**Plenary Session**

8:45

Announcements

**9:00 – 13:00**

**RECOOP HST Research Networks' Invited Speakers**

9:00 – 10:30

**NanoBiotechnology and Cancer Research**

9:00 – 9:15

Leland W. K. Chung, CSMC, Los Angeles, CA, USA

9:15 – 9:30

Rostyslav Stoika, ICB NASU, Lviv, Ukraine

9:30 – 9:45

Artur Podhorodecki, Wroclaw, Poland

9:45 – 10:00

Daniel Horak, Inst., MacromChem AS, Czech Republic

10:00 – 10:15

Myhaylo Gonchar, ICB NASU, Lviv, Ukraine

10:15 – 10:30

Haiyen E. Zhau, CSMC, Los Angeles, CA, USA

10:30 – 10:45

Jozsef Konya, University of Debrecen, Hungary

10:45 – 11:00

**Coffee Break**

Art performance: music, dance

11:00 – 13:00

**Translational Research and Drug Development**

11:00 – 11:15

Vadym M. Kavsan, IMBG NASU, Kyiv, Ukraine

11:15 – 11:30

Roman Lesyk, DHLNMU, Lviv, Ukraine

11:30 – 11:45

Maria Borsanyiova, SMU, Bratislava, Slovakia

11:45 – 12:00

Livia Puljak, Split School of Medicine, Croatia

12:00 – 12:15

Liudmyla Drobot, Palladin NASU, Kyiv, Ukraine

12:15 – 12:30

Juraj Lenčo, FMHS MA, Czech Republic

12:30 – 12:45

Oleh Pinyazhko, DHLNMU, Lviv Ukraine

12:45 – 13:00

Shubhada Bopegamage, SMU, Bratislava, Slovakia

13:00 – 14:00      **Lunch Break**  
Art performance: music, dance

## **Bridges in Life Sciences 7<sup>th</sup> Annual Scientific Conference**

Tea salon              **Plenary Session**

### **Cedars’s Scietists in RECOOP HST**

14:00 – 14:15      Charles F. Simmons, CSMC Pediatrics, Los Angeles,  
CA, USA

14:15 -14:30Chander P. Arora, CSMC OBGYN, Los Angeles, CA, USA

14:30 – 18:00      **Research Networks’ Young Scientist Forum**

### **Women’s Health and Cardiovascular Disease**

14:30 - 14:45      Zvonimir Popovic, School of Medicine, Osijek, Croatia

14:45 – 15:00      Radana Kollarova, Comenius University, Slovakia

15:00– 15:15      Adam Pek, University of Debrecen, Hungary

### **Mother and Child Health**

15:15 – 15:30      Kinga Lancz, SMU, Bratislava, Slovakia

15:30 – 15:45      Zsofia Szalay, University of Pecs, Hungary

15:45 – 16:60      Jasenka Wagner, School of Medicine, Osijek, Croatia

16:00 – 16:30      **Coffee Break**  
Art performance: music, dance

## **NanoBiotechnology and Cancer Research**

- 16:30 – 16:45 Nataliya Finiuk, ICB NASU, Lviv, Ukraine  
16:45 – 17:00 Beata Zasonska, Inst., MacromChem AS, Czech Republic  
17:00 – 17:15 Rostyslav Panchuk, ICB NASU, Lviv, Ukraine

## **Translational Research and Drug Development**

- 17:15 – 17:30 Dmytro Morderer, IMBG NASU, Kyiv, Ukraine  
17:30 – 17:45 Daniel Lesko, Hradec Kralove, Czech Republic  
17:45 – 18:00 Natalia Krisanova, Palladin NASU, Kyiv, Ukraine

## **18:00 – 19:30 Poster Session and Arts**

Gobelin room and the Gallery for Poster section

## **Women's Health and Cardiovascular Diseases**

## **Mother and Child Health**

## **NanoBiotechnology and Cancer Research**

## **Translational Research and Drug Development**

## **19:30 – 20:00 Closing Remarks**

## **20:00 – 22:30 Farewell Dinner**

Art performance: music, dance