



**IUPAC**  
ADVANCING WORLDWIDE CHEMISTRY

*International Union of  
Pure and Applied Chemistry*

Division-III Biotechnology S/C.

30 July, (9.00) Sheraton Hotel – Laguna1

### REPORT

1. Chairman's welcome
2. Apologies for absence
3. Renovation of the membership
4. Future Conferences planning
5. Projects
6. Various

1-2. The chairman welcomes the participants (F. Nicotra, M. Moo-Young, O- Carioca, GJ Kooman, M. Garson, K. Ganesh, A. Rauter).

The S/C members apologise for the absence and expressed their interest to contribute, as reported below:

Nicotra, Francesco (Italy) Chair (P)  
Bai, Fengwu (China) yes will continue (A)  
Bertozzi, Carolyn R. (USA)  
Blackburn, Jonathan M. (South Africa)  
Bradley, Mark (UK)  
Chorghade, Mukund S. (USA)  
Esaki, Nobuyoshi (Japan)  
Jaspars, Marcel (UK) yes will continue (A)  
Kim, Hak Sung (Korea) yes will continue (A)  
Kim, Mahn Joo (Korea)  
Kolisis, Fragiskos (Greece) yes will continue (A)  
Moo-Young, Murray (Canada) yes will continue (P)  
Nawrot, Barbara (Poland) yes will continue (A)  
Riva, Sergio (Italy) yes will continue (A)  
Wendeborn, Sebastian (CH) yes will continue (A)  
Wentworth, Paul (USA)

Present (P), Apologies (A)

The chairman puts into evidence that the Subcommittee meetings are much more participated if planned during the IBS meetings, like in Rimini (2010).

### 3. Renovation of the membership

The chairman reports on the guidelines discussed and approved in Rimini for the renovation of the S/C members. It was agreed that the chair (or co-chair or general secretary) of the previous and future IBS conferences must be included, a geographical distribution must be guaranteed, members from the industry must be included, and silent members could be substituted.

Following these guidelines the chairman proposes:

Francesco Nicotra,	(Italy)
Fengwu Bai,	(China) Co-Chair of IBS2008
Marcel Jaspars	(UK)
Hak Sung Kim,	(Korea)
Fragiskos Kolisis,	(Greece)
Murray Moo-Young,	(Canada)
Barbara Nawrot	(Poland)
Hak Sung Kim	(Korea)
Sebastian Wendeborn,	(CH) Syngenta
Fabio Fava,	(Italy) Chair of IBS2010
Osvaldo Carioca	(Brazil) proposer of IBS2014
Krishna Ganesh	(India)
Tai Hyun Park	(Korea) General Secretary IBS2012

The opportunity to have a member from USA and Japan was expressed.

### 4. Future Conferences planning

#### **IBS2012**

The organization of IBS 2012 in Daegu, Korea, September 16-21, 2012 proceeds ([www.ibs2012.org](http://www.ibs2012.org)).

Young Je Yoo (Chair)

Tai Hyun Park (Secretary General)

Four Nobel Lecturers:

Prof. Aaron Ciechanover

Prof. Stanley N. Cohen

Prof. Sung Wan Kim

Prof. Daniel I.C. Wang

Nine sections:

Section 1: Agricultural and Food Biotechnology

Section 2: Applied Microbiology

Section 3: Bioenergy and Biorefinery

Section 4: Biosensors and Nanobiotechnology

Section 5: Environmental Biotechnology

Section 6: Medical Biotechnology

Section 7: Pharmaceutical Biotechnology

Section 8: Process Biotechnology

Section 9: Special Forum(Biosafety, Bioeconomy, Biopolicy, Bioeducation, Bioethics etc.)

Proposed registration fees:

for scientific participants \$800

for students/younger chemists \$500

for scientists from developing countries\$450

The Subcommittee recommends the organizers to complete as soon as possible the scientific programme, and is open to contribute for the success of the Conference.

### **IBS 2014**

Prof Osvaldo Carioca proposes IBS2014 at Fontereza, Brazil, tentatively at the end of August.

This proposal has the support of the local government and the Latin-America biotechnology scientific community.

The subcommittee approves the proposal.

### **CHEMBIOTECH 2013**

During the meeting of the Division III, it has been suggested to organise a joint conference (or session) of the subcommittees of Biomolecular Chemistry and Biotechnology like the CHEMBIOTECH2007 organised during the IUPAC General Conference of Torino.

A mandate has been given to Prof. Ganesh and Prof. Nicotra to explore the possibility to organise such event during the IUPAC Conference in Istanbul, August 2013.

### **5. Projects**

Possible projects in connection with the Subcommittee of Biomolecular Chemistry:

Standardisation of biological tests and life cycle analysis

Teaching chemistry to biologists

Francesco Nicotra

Chair of the Subcommittee of Biotechnology

