

Meeting with Group Leaders

February 2, 2015

Zdenek Hostomsky

Agenda



- Most significant 2014 publications contest
- Investments and other financial matters
- New Operational Program calls
- ITS update
- IOCB Evaluation update
- AV21 Strategy update
- Supplementary election to IOCB Board
- Upcoming events in 2015

Most significant publications in 2014



- Physical and Theoretical Chemistry
- Medicinal and Organic Chemistry
- Biochemistry and Molecular Biology
- Interdisciplinary (within IOCB)

Each group may submit 1 most significant paper published in 2014 per category. Semi-autonomous units within larger groups may submit their own papers if the group leader is not listed as co-author. The papers will be judged by an external panel (IAB members, *ad hoc* reviewers) as well as by an internal IOCB panel (team leaders and management). Top one third of papers in each category will be awarded prizes in the form of group money.

Most significant publications in 2014



- Deadline for submission:

February 27, 2015

- Winning publications will be presented as posters at the IOCB off-site Symposium in May 2016 (together with winning papers from 2015)

Most significant publications 2014

Lessons learned from previous years



- Preselection of submission will be done by IOCB management before evaluation by international panel, based on explicit rules:
 - Typically, only papers with principal or corresponding author from IOCB should be submitted.
 - Papers not meeting these criteria may still be submitted, but only work done at IOCB will be judged.
- Assignment to categories will be scrutinized
- Clarification re Interdisciplinary vs Collaborative
- Interdisciplinary: Chemistry - Biology
Computational - Experimental
- The cash prize should not exceed $2 \times 110K = 220K$ Kč
- Question re analytical techniques component (NMR, MS, x-ray structure analysis)

Interdisciplinary (within IOCB) part 1



Listed alphabetically by first author

- Brynda J, Mader P, Šícha V, Fábry M, Poncová K, Bakardiev M, Grüner B, Cígler P, and Řezáčová* P

Carborane-Based Carbonic Anhydrase Inhibitors

Angew Chem Int Ed 2013, 52, 13760-13763

- Fanfrlík J, Brahmshatriya PS, Řezáč J, Jílková, Horn M, Mareš, Hobza* P, and Lepšík* M

Quantum Mechanics-Based Scoring Rationalizes the Irreversible Inactivation of Parasitic *Schistosoma mansoni* Cysteine Peptidase by Vinyl Sulfone Inhibitors

J Phys Chem B 2013, 117, 14973-14982

Interdisciplinary (within IOCB)

part 2



- Lagoutte R, Šebesta P, Jiroš P, Kalinová B, Jirošová A, Straka J, Černá K, Šobotník J, Cvačka J, and Jahn U

Total Synthesis, Proof of Absolute Configuration, and Biosynthetic Origin of Stylopsal, the First Isolated Sex Pheromone of *Strepsiptera*

Chem Eur J 2013, 19, 8515-8524

- Vávra J, Severa L, Císařová I, Klepetářová B, Šaman D, Koval D, Kašička V, and Teplý* F

Search for Conglomerate in Set of [7]Helquat Salts: Multigram Resolution of Helicene-Viologen Hybrid by Preferential Crystallization

J Org Chem 2013, 78, 1329-1342

- Žáková L, Kletvíková E, Veverka V, Lepšík M, Watson CJ, Turkenburg JP, Jiráček* J, and Brzozowski* AM

Structural Integrity of the B24 Site in Human Insulin Is Important for Hormone Functionality

J Biol Chem 2013, 288, 10230-10240

Financial matters



- Situation

Group leaders in new or reconstructed laboratories and offices have been assuming financial responsibility for certain property items (desks, chairs, closets, etc.)

Cost conscious scientists often notice price tags which may be higher than similar items in regular department stores.

- Question

Wouldn't it save a lot of money if IOCB purchased such items in regular stores rather than having them delivered by the Contractor for such exorbitant prices?

Cenotvorba majetku v rámci rekonstrukce areálu ÚOCHB

- Cena veškerého nabytého majetku je součástí veřejné soutěže organizované v roce 2011 a smluvně zajištěné v roce 2012.
- Vybraný uchazeč byl v celkové nabídkové ceně o cca 500 mil. Kč levnější než ostatní nabídky uchazečů.
- Cena majetku (položky) je součástí cenové nabídky - není možné ovlivňovat položkově vysoutěžené nabídky, aniž bychom položky ze zakázky vyňali, museli bychom ale opětovně vyhlásit výběrové řízení (tzn. nová soutěž, dopad do průběhu rekonstrukce a nabídnutých záruk, viz 10 letá záruka Zhotovitele).
- Cena položek obsahuje veškeré související náklady Zhotovitele, např. náklady na instalaci, dopravu, uvedení do provozu, projektový management apod.

Pricing of assets in the re-construction of IOCB Campus

- The price of all acquired property is part of the public competition organized in 2011 and secured by contract in 2012.
- The total bid price of the selected candidate was about 500 mil. CZK less than the bids of other candidates.
- Price of property (items) is a part of the bid - it is not possible to influence the tendered items unless we would have excluded them from the tender process, but in that case we would have to open a new tender (i.e. new competition which could affect the course of reconstruction and the offered guarantees, cf. the 10 year warranty offered by the Contractor).
- The price of such items includes all related costs to the Contractor, e.g. the cost of installation, transportation, commissioning, project management etc.

2015 Investment planning



- Investments
 - Requests for 2015 are 54 M Kč – transferred to the Methodology Board
 - (For comparison, requests for 2014 were 260 M Kč)
- Update by Luboš Rulíšek (IOCB Board)

Long term Investment planning



Operational Program OP VVV

- New calls for OP VVV (**Operační program Výzkum, vývoj a vzdělávání - Operational Program Research, Development and Education**) projects are expected during 2015. Prague is included in the new calls.

OPVVI priorities:

- Priority area 1:
- Strengthening of research excellence and international collaboration
- Strengthening of collaboration between research institutions and application sphere
- Improvement of education infrastructure supported by research

Operational Program OP VVV



- **Expected calls:** Research infrastructures and Centers of excellences
- At least 50 % of finance must be spend for Center equipment and/or Center construction
- **The goal:**
- Preparation of IOCB strategy for building of Center of excellence supported by European funds. Saving of IOCB finances.
- Strategy for new technologies and equipment in period 2016-2020 is needed
- List of instruments that will need renewal in this period can be also included
- Therefore, the group leaders are asked to contribute to the discussion and preparation of list of equipment for the OPVVV project planned for the 2016-2020 period.
- Suggestions are expected until the **end of March 2015** in Director's Secretariat.



- new support team contacts
 - e-mail helpdesk@uochb.cas.cz
 - phone 490
 - cell phone 778 700 067 (Martin Sokol)
 - cell phone 778 700 068 (Tomáš Svoboda)
- wifi networks - wide coverage
 - new setup (more wireless devices)
 - two parallel configurations IOCB, IOCB_GUEST
 - details in 2 weeks on the web

IOCB evaluation schedule



Hodnocení výzkumné a odborné činnosti pracovišť za léta 2010-2014

Činnost	Deadline
Jmenný seznam výzkumných pracovníků	31.1.2015
Předložení výstupů pro I. fázi	19.2.2015
Krátký komentář k předloženým výstupům	15.3.2015
Kontrola bibliometrických údajů	20.3.2015
Přístup k plným textům vykazovaných výstupů	31.3.2015
Plný text přihlášky	30.4.2015

Evaluation of research and professional activities for 2010-2014

Activity	Deadline
List of researches to be evaluated	31.1.2015
Submission of outputs for the Phase I.	19.2.2015
Short commentary to submitted outputs	15.3.2015
Checking of bibliometric data	20.3.2015
Acces to full texts of the submitted outputs	31.3.2015
Full text of the application	30.4.2015

Supplementary election to IOCB Board



Timeline

- January 21 - February 5 (16:00)
 - Suggest any candidate
 - February 6 - February 10
 - Candidates and their profiles will be published
 - at IOCB Web pages and official boards
 - February 10 (14:00 - 16:00)
 - February 11 (10:00 - 12:00)
 - February 12 (12:00)
 - at the latest Results will be published
- } Elections
-
- February ?
 - Second round, if necessary

IOCB participation in Strategy AV21



- Program: Molecules and Materials for Life
 - (coordinator: František Rypáček)
 - Research Theme 1: Nanostructural materials for catalysis and protection of the environment (L. Kavan)
 - Research Theme 2: Biomaterials for modern medicine (F. Rypáček)
 - Research Theme 3: **Biologically active molecules** (M. Hocek)

The program will be featured in the upcoming Science section of Literární noviny (www.literarky.cz/vtc)

Upcoming events in 2015



- Meetings with Group Leaders:
 - February 2
 - March 9
 - April 13
 - May 18
 - June 22
 - September 14
 - October 26
 - December 7
- Happy Hours - in February?

Upcoming events in 2015 cont.



- Evaluation of Junior Research groups by IAB
 - Janeba, Krečmerová, Nencka - 5 year evaluation
 - Bouřa, Cígler, Stříšovský - 3 year evaluation
- May 15, 2015
 - Selection of external reviewers, information form IAB
 - Full reports
- July 15, 2015
 - Reviews
- September 4-5, 2015
 - On-site meeting

Upcoming events in 2015 cont.



- Invited Lecture Series

- February 4, 2015 - 10am, NT Library
Barbara Slusher, Brain Science Inst., Johns Hopkins
Development of Glutamate Carboxypeptidase and System Xc-Inhibitors for the Treatment of Neurodegenerative Disorders
- March 11, 2015 - 10 am, NT Library
Michael Groll, Technische Universität München
Exploiting Nature's Rich Source of Proteasome Inhibitors as Starting Points in Drug Development