

Meeting with Group Leaders:

August 31, 2015

Zdenek Hostomsky

Agenda



- Evaluation by IAB - Sept. 4-5, 2015
- Interactive slides
 - Welcoming Mihovilovic
 - Itinerary Ebhardt, Pumera
 - Dinners
- IAB - Frank Neese
- Academy of Sciences Evaluation - Phase II date
- Milano EXPO trip - need 13 more
- PhD retreat
- Institute of Physiology, CAS
- Workplace safety
- Miscellanea

IAB site visit 2015 - Logistics



- Sept. 4-5, 2015 - Friday-Saturday
- Place: bldg. C - 5th floor conference room
- 50 seats
 - 12 officials
 - 3 evaluatees
 - 35 visitors
- Presentations will be recorded to be available at the intranet for later viewing

IAB site visit at IOCB 2015



Program

Friday, September 4, 2015:

9:00 Welcome and Introduction - Zdenek Hostomsky
Promotion presentations of MedChem junior groups
9:15 Zlatko Janeba
10:00 --- *Coffee break* ---
10:15 Marcela Krečmerová
11:00 Radim Nencka
11:45 Closed IAB discussion
12:15 ----- *Lunch* -----

Interview presentations of candidates for new group leader positions

13:30 Alexander Ebhardt
14:15 Martin Pumera
15:00 --- *Coffee break* ---
15:15 Closed IAB discussion

Distinguished Chair Promotion presentation

16:00 Pavel Jungwirth
17:00 Closed IAB discussion
17:30 Departure to hotel
19:00 ----- *Dinner* -----

Saturday, September 5, 2015:

Interim evaluation of junior groups

9:00 Kvido Strišovský
9:45 Petr Cigler
10:30 Evžen Bouřa
11:15 --- *Coffee break* ---

Final evaluation of targeted research groups

11:30 Lenka Maletínská
12:15 Filip Teplý
13:00 ----- *Lunch* -----
13:30 Closed IAB discussion with the director
14:30 Conclusion and Social Program



Evaluation by IAB

Friday, September 4, 2015:

9:00 Welcome and Introduction - Z. Hostomsky

Promotion presentations of MedChem junior groups

9:15 Zlatko Janeba

10:00 --- Coffee break ---

10:15 Marcela Krečmerová

11:00 Radim Nencka

11:45 Closed IAB discussion

12:15 ----- Lunch -----

Objective: Advise which of the 3 junior groups should be promoted to senior groups

Evaluation by IAB



Interview presentations of candidates for new group leader positions

13:30 **Alexander Ebhardt**, ETH Zürich

candidate for Junior Group Leader in Hepatitis B virus research

(**Neil Ferguson** - not coming)

14:15 **Martin Pumera**, Nanyang Technological University, Singapore
candidate for Senior Group Leader in Synthetic Nanochemistry

15:00 --- *Coffee break* ---

15:15 Closed IAB discussion

Distinguished Chair Promotion presentation

16:00 **Pavel Jungwirth**, IOCB

17:00 Closed IAB discussion

17:30 Departure to hotel

19:00 ----- *Dinner* -----

Interactive slide 1



- Marko Mihovilovic
 - Arrives on Friday, September 4 at 7:30 am
- Who will volunteer to pick him up at the airport?
(Irena Stará kindly agreed to pick him up)

Interactive slide 2



- Dinner with IAB - Friday at 7 pm
Břevnov monastery - about 20 people
 - 10 IAB
 - 2 IAB officials (ZH, I. Pichová)
- Who is interested in joining?
 - -
 - -
 - - ...

Interactive slide 3



Itinerary for **Alex Ebhardt**

- Thursday, Sept. 3 at 9:45 picked up by M. Hubálek
 - 11:00 Mass Spec group
 - 12:00 *Lunch* ?
 - - Konvalinka lab?
 - - Curtis lab?
 - -
- *Party on the roof*
- Friday, Sept. 4
 - 9:30 J. Weber
 - -
 - -
 - 12:00 lunch -
 - 13:30 Presentation
 - 14:30
 - Pichová lab?
 - *Dinner*: I. Hirsch + ?

Interactive slide 4



Itinerary for **Martin Pumera**

- Sept. 3 at 9:45 picked up by M. Hubálek
 - 11:00 L. Rulíšek?
 - 12:00 Lunch with P. Jungwirth, + ?
 - - Symposium or ?
 - -
 - -
 - *Party on the roof*
- Sept. 4 - Friday
 - 9:30 J. Weber
 - -
 - -
 - 12:00 lunch -
 - 14:15 Presentation
 - 14:30
 - -
 - *Dinner: + ?*

Evaluation by IAB



- Saturday, September 5, 2015:
- *Interim evaluation of junior groups*

09:00	Kvido Stříšovský
09:45	Petr Cígler
10:30	Evžen Bouřa
11:15	<i>--- Coffee break ---</i>

Objective: Evaluate how well the groups are doing and advice re any possible course correction

Evaluation by IAB



Saturday, September 5, 2015:

Final evaluation of targeted research groups -

11:30 **Lenka Maletínská**

12:15 **Filip Teplý**

Objective: These 2 groups met the program goals. Advice on reentering basic research to expand the science around the commercial opportunity

13:00 ----- *Lunch* -----

13:30 Closed IAB discussion with the director

14:30 Conclusion and Social Program

18:00 ----- *Dinner* -----

Interactive slide 5



- Dinner with IAB – Saturday at 6 pm
Žižkov tower – about 12 people
 - 6 IAB
 - 2 IAB officials
- Who is interested in joining?
 - - Michal Hocek
 - -
 - - ...

New member of IAB



Prof. Dr. Frank Neese
Director -
Max-Planck Institute for
Chemical Energy Conversion
Mülheim an der Ruhr
Germany

Upcoming dates

- Summer School – August 31-September 4, 2015
- IOCB Structural Biology Facility Inauguration – Sept. 3, 2015
- IAB evaluation of Junior Groups – September 4-5, 2015
- A Fest in Park – Průhonice, September 6, 2015
- Science Fair – September 9 , 2015
- PhD Student Activities
- IOCB trip to EXPO Milano Sept. 26-28, 2015
- Open House November 12-14, 2015
- Phase 2 Opening day celeb.- Tony Holy Lecture November 19, 2015
- CAS evaluation – Chemical Sciences – November 30, 2015

Summer School



2nd year of the Prague Summer School **ADVANCES IN DRUG DISCOVERY**
Novel approaches in drug design and development
Prague, Czech Republic, August 31st – September 4th, 2015

PRELIMINARY PROGRAMME

August 31 st	arrival and welcome party
September 1 st	Lectures 9 AM – 5 PM
September 2 nd	Lectures 9 AM – 3 PM, city tour, beer party
September 3 rd	Lectures 9 AM – 5 PM
September 4 th	Lectures 9 AM – 1 PM, departure

SELECTED SPEAKERS

- Markus Zettl, *Boehringer Ingelheim, DE*
Topic: **Biologics - immunomodulatory antibody therapeutics**
- Berndt Joost, *FHNW Basel, CH*
Topic: **Modern ways to drug nanoformulations**
- Jeroen Bokhoven, *ETH Zurich, CH*
Topic: **Heterogeneous catalysis**
- Andrzej Marek Brzozowski, *Department of Chemistry University of York, UK*
Topic: **Structural endocrinology and medicinal chemistry**
- Richard Mackman, *Gilead Sciences, Foster City, USA*
Topic: **Discovery and development of novel virostatics**
- Peter Sebo, *Institute of Microbiology, ASCR Prague, CZ*
Topic: **Next generation of vaccines for prevention and therapy of important pathologies**
- Bruno Martoglio, *Novartis Institutes for BioMedical Research, Basel, CH*
Topic: **Integrated Drug Discovery**
- Gert De Wilde, *Galapagos NV, Mechelen, BE*
Topic: **Target discovery for orphan diseases at Galapagos**

<http://www.praguesummerschool.cz/programme.php>



Structural Biology
IOCB Facility Inauguration



One-day Scientific Symposium

September 3rd 2015, 09 am – 06 pm,

Venue: Czech Technical University in Prague, Faculty of Architecture

IOCB Structural Biology Facility Inauguration

• Morning session (09.00 to 12.30) – chair: Pavlína Řezáčová

09.00 **Alexander Wlodawer** (Head of the IOCB International Advisory Board)

Opening remarks

09.15 **Manfred Weiss** (Helmholtz-Centrum Berlin, Germany)

"Crystallographic fragment screening at the HZB-MX beamlines"

09.55 **Evžen Bouřa** (Institute of Organic Chemistry and Biochemistry, Prague)

"Phosphatidylinositol 4-kinases - the (structural) biology"

• 10.20 *coffeebreak*

10.45 **Tobias Madl** (Technische Universität München, Germany)

"Integration of NMR and complementary techniques for structural studies of large protein complexes"

11.25 **Aleš Hnizda** (Institute of Organic Chemistry and Biochemistry, Prague)

"Relapsed ALL-specific mutations revealed allosteric network in cytosolic purine 5'-nucleotidase"

11.50 **Richard Štefl** (Central European Institute of Technology, Brno)

"Mechanisms of recruitment and displacement of processing factors by HNA Polymerase II"

• 12.30 *lunchbreak*

• Afternoon session (13.30 to 16.30) – chair: Alexander Wlodawer

13.30 **Alistair Henry** (UCB Pharma, United Kingdom)

"What can antibodies teach us about PPI opportunities?"

14.10 **Václav Veverka** (Institute of Organic Chemistry and Biochemistry, Prague)

"Extending the LEDGF/p75 interactome"

• 14.50 *coffeebreak*

15.15 **Kvido Stříšovský** (Institute of Organic Chemistry and Biochemistry, Prague)

"Integrated structural enzymology of intramembrane proteolysis"

15.40 **Richard Bayliss** (University of Leicester, UK)

"The Ys and the wherefores of kinase autoinhibition"

16.20 **Zdeněk Hostomský** (Director of IOCB)

Final remarks

• 16.35 *facility tours*

EXPO Milano



- IOCB organized trip
- September 26-28, 2015
- Need 13 more participants

IOCB Open House



- Open House (Dny otevřených dveří)
- November 12 – 14, 2015
- More info will be given by Irena Krumlová
- Appeal to all Group leaders to provide guides

Phase 2 Opening day celebration



- Thursday, November 19, 2015
- 14:00 First Tony Holy Lecture
 by John Martin (*Gilead Sciences*)
- 16:00 unveiling of Antonin Holy bust
- 16:30 Celebratory party
 (special issue of Scientific American to all participants)

Interactive slide 6



- Scientific American Czech Edition (6-8 pages for IOCB)
 - Theoretical Chemistry
 - Computational Chemistry
 - Physical Chemistry
 - Spectroscopy
 - Analytical Chemistry
 - Organic Synthesis
 - Medicinal Chemistry
 - Nanochemistry
 - Biochemistry
 - Structural Biology
 - Molecular Biology
 - Virology
- Who will volunteer to provide a highlight and talk to the editor?

Student activities 2015/16



- BOOT CAMP - PhD students STARTING their study at IOCB
 - SEPT 18-20th Dolní Malá Úpa
 - Responsible Jaromír Zahrádka
- PhD Student Retreat
 - OCT 14-16th - Resort Sv. Kateřina
 - Open to all, max. capacity 80 people
 - Responsible Martin Fusek
- INFOPACKAGE
 - Will be located at the Director's office
 - First attempt, will be fine-tuned in the future
- Student seminars
 - Planned start in January 2016
 - Responsible Jiří Kaleta

Science Fair 2015



**Zábavná interaktivní akce
pod širým nebem**

9. září 2015
od 8.30 do 17.30
Vítězné náměstí
Praha 6

www.vedeckyjarmark.cz

Organizátoři:



Omniveda
Věda nás baví o.p.s.



ÚOCHB AV ČR



**VYSOKÁ ŠKOLA
CHEMICKO-TECHNOLOGICKÁ
V PRAZE**

Partnerské školy:



**UNIVERZITA
KARLOVA
V PRAZE**



Ceská zemědělská univerzita v Praze
**Fakulta agrobiologie,
potravinových a přírodních zdrojů**



Ceská zemědělská univerzita v Praze
**Fakulta lesnická
a dřevařská**



A-Fest in Park



- September 6th (11 a.m. – 8 p.m.) in Chateau and Park Průhonice
- Free admission for IOCB employees; non CAS staff 50,-Kč, Children 30,- Kč; Dogs 10,- Kč.

PROGRAM

Podalpinská louka

(rock, jazz, aj.)

11:00 – 11:30 Futraly (BÜ)

11:45 – 12:15 OHM (BC)

12:30 – 13:00 Bez Klobouku Bos (ÚŽFG)

13:15 – 13:45 Bixley (PSÚ)

přestávka

14:15 – 14:45 Lokomotion (FZÜ)

15:00 – 15:30 Jazzevec (ÜMG)

15:45 – 16:15 Chattopaddaya (ÜOCHB)

16:30 – 17:00 Coffeebreak (FZÜ)

přestávka

17:30 – 18:00 ISI Band (ÜPT)

18:15 – 18:45 Pampalini Funky Jam (BC)

19:00 – 19:30 Misfolded (ÜMG)

Malé zámecké nádvoří

(folk, jazz, country, aj.)

11:00 – 11:25 Lodníci (ÜPT)

11:40 – 12:05 SiPeTo (MÚA)

12:20 – 12:45 FAB s.r.o. (ÜI)

13:00 – 13:25 Duo Jelen Zajac (ÜFP)

přestávka

13:45 – 14:10 Tango Jazz Band (FZÜ)

14:25 – 14:50 Hazuka (BÜ)

15:05 – 15:30 Osmikráska (BÜ + ÜMG)

15:45 – 16:10 Black Uganda Choir (BFÜ)

16:25 – 16:50 IAN (ÜPT)

přestávka

17:10 – 17:35 Deepers (BÜ)

17:50 – 18:15 Mošny (BFÜ)

18:30 – 19:10 Čava (ÜFCHJH)

19:30 – 19:55 Back Side Big Band (ÜI)

Rytířský sál

(klasická hudba, world music, aj.)

11:00 – 11:30 Říčanský komorní orchestr (ASÜ)

11:45 – 12:15 Cantarina (ÜMCH)

12:30 – 13:00 Campanula (FLÜ)

13:15 – 13:45 Sonaglio (KAV)

přestávka

14:15 – 14:45 Petr Kužel a Elena Buixaderas (FZÜ)

15:00 – 15:30 DNA (BFÜ)

15:45 – 16:15 Intonic (ÜTIA)

16:30 – 17:00 Laurus (BÜ)

přestávka

17:30 – 18:00 Temperament 430 (FZÜ + EÜ)

18:15 – 18:45 Musica Academica (GFÜ)

19:00 – 19:30 Komorní orchestr Akademie (ÜFE)

Chemical Sciences Comission visit



- Monday, November 30, 2015
- This date concerns only 12 out of the 18 IOCB teams - those listed in the "Chemical Sciences" discipline category
- (Kašička, Hobza, Jungwirth, Rulíšek, <Janeba, Krečmerová, Nencka - a team of combined junior groups of MedChem >, Michl, Beier, Starý, Bouř, Hocek, Rosenberg, and Jahn).
- We can propose the order of presentations

Disposal of Chemicals



- We´d like to ask all Group Leaders in collaboration with Mr. Šimek (line 228) to ensure the transfer of chemicals stored in the site huts along the Northwestern fence, until 14th of August 2015 at the latest. All remaining chemicals after the above mentioned date will be disposed of.



Institute of Physiology, CAS



- Jan Kopecký, the new director of the Institute of Physiology, and his team met with the IOCB team in July 2015 to discuss possibilities of collaborative projects between the two institutes, taking advantage of the complementary sets of expertise in both institutes.
- Possibility of joint applications for EU funding through operational programs (OP VVV)
- Based on interest, more detailed workshops covering selected areas will be organized by the end of September 2015