



ÚOCHB AV  
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IOCB PRAGUE

# Meeting with Group Leaders

Zdenek Hostomsky | Feb 19, 2018

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# Agenda

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- IOCB Research Group Output 2015-2017
- IOCB Most significant publications 2017
- Research-Service Group Alignment
- Assembly of IOCB Employees
- Miscellanea

# Evaluation of research output 2008



Director's Order 3/2008

- Group efficiency factor (GEF) quantitative aspect of group evaluation

$$\text{GEF} = \frac{\text{J+B+C+D+P+T+S+L}}{\text{IS}} \quad \begin{array}{l} \text{(Numerator)} \\ \text{(Institutional Salaries - Denominator)} \end{array}$$

J – journal articles x IF

B - books

C – book chapters

D – article in proceedings

P – awarded patents

T – verified technology

S – industrial prototype or software

L – income from licenses and IP

# Evaluation of research output 2018



Directive S2018-01

- Group performance index (GPI) quantitative aspect of group evaluation

$$\mathbf{GPI} = \mathbf{J+B+C+D+P+T+S+L}$$

J – journal articles x IF

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# Evaluation of research output 2018



## The Process

Director's Decree V2018-01

- The ITS - Library (contact person: Jana Procházková) will provide the group leaders with a list of the allowable results as an abstract from the ASEP database by **February 20, 2018**
- Only such outputs can be included in the evaluation that have been entered in the ASEP [Automated System for Publication Index] database
- Please forward the edited list (e.g. adjust for real impact factors, remove publications done elsewhere, etc.) to Director's office by **February 28, 2018**
- The Director's office (Markéta) will conduct the final calculation and submit the results to the director by **March 31, 2018**

# IOCB Research Output Evaluation

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- Quantitative group output – scientometric
- Cumulative 2015, 2016, 2017
- The library will deliver the publications for the 3 year period. Please forward the edited list to Director's Office by **February 28, 2018**
- Proportional distribution of 2.5 M CZK to the groups (another 2.5 M will be distributed for the winning most significant publications).

# Most significant publications in 2017

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- **PHYS** Physical and Theoretical Chemistry
- **CHEM** Medicinal and Organic Chemistry
- **BIO** Biochemistry and Molecular Biology

Each group may submit 1 most significant paper published in 2017 per category, but no more than 2 papers total. Semi-autonomous units within larger groups may submit their own paper if the group leader is not listed as co-author. The papers will be pre-screened internally before they are sent to the external panel (IAB members, *ad hoc* reviewers) as well as to an internal IOCB panel (group leaders and management). 3 to 5 papers in each category will be awarded prizes in the form of group money.

# Research at IOCB Prague

## PHYS

drug design  
molecular modeling  
computational chemistry  
quantum mechanics chemistry  
molecular spectroscopy  
analytical chemistry  
separation science

## CHEM

drug discovery  
organic synthesis  
medicinal chemistry  
natural products chemistry  
materials chemistry  
chemical biology  
nanochemistry

## BIO

biochemistry  
structural biology  
molecular biology  
physiology, cell biology  
chemical ecology  
diagnostic tools  
neuroscience

Crosstalk  
between  
chemistry and  
other sciences

Interdisciplinary  
approach



# Internal Pre-selection

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- Pre-selection panel is composed of the external members of IOCE Board and the director:

**Tomáš Obšil**  
**Petr Slavíček**  
**Petr Svoboda**  
**Zdeněk Hostomský**

- 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.
  - Print version date counts
- Assignment to categories will be checked

# Most significant publications 2017

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- Submission deadline – **February 28, 2018**
- The winning publications for 2016 and 2017 will be presented at the IOCB retreat in Valeč in May 2018
- The standing of IOCB most significant paper will be analysed (judges are asked to select papers that would likely retain their significance and relevance 5 years from publication).

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# Research-Service Group Alignment 2018

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Board of the Institute initiated presentations/discussions of the Research-service teams with the board, group leaders, and users.

The aim is to gather information to make a well informed suggestion to the director of the institute about how to keep the good quality of services provided at IOCB, how to steer it to serve the future needs of IOCB research teams.

Needs of users for current services and future developments

# Research-Service Group Alignment 2018



Meetings are scheduled for Tuesdays at 10 a.m. at the IOCB Lecture Hall

- ✓ 20/1 Mass Spectrometry (Josef Cvačka)
- 6/3 Drug Discovery (Pavel Majer)
- 20/3 Biochemical Pharmacology (Helena Mertlíková-Kaiserová)
- 27/3 NMR and Molecular Spectroscopy (David Šaman)
- 3/4 Bioinformatics (Jiří Vondrášek)
- 10/4 Electromigration methods (Václav Kašička)
- 24/4 Virology (Jan Weber)

Specific questions or comments can be sent in advance to the respective group leader or to Pavlina Maloy Řezáčová (rezacova@uochb.cas.cz).



# General assembly of IOCB employees

- Friday Feb 9, Balling Hall, NTK
- Language issue
- Discussion questions: submitted vs. from the floor

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# Important Reminders

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- **PhD Science Club**

Wednesday Feb. 21, 2018

Work safety instruction  
before **Feb. 16, 2018**

- **Invited Lecture – John D. Sutherland**

Tue Feb. 27, 2018

- **Detlef Schröder seminar – Jana Roithová**

Tue March 6, 2018

- **Invited Lecture – Scott Miller**

Tue March 13, 2018

- Next meeting with Group Leaders

**Monday, March 19, 2018**

**10:00 a.m.**

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# Mtgs w GLs - 2018 Schedule

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- January 15
- February 19
- March 19
- April 23
- May 21
- June 25
- September 10
- October 15
- November 12
- December 17

Always on Mondays at 10:00 am in the Director's Boardroom





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**Institute of Organic Chemistry and Biochemistry**  
of the Czech Academy of Sciences