

# Meeting with Group Leaders

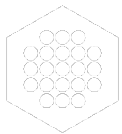
May 13, 2019

Zdenek Hostomský

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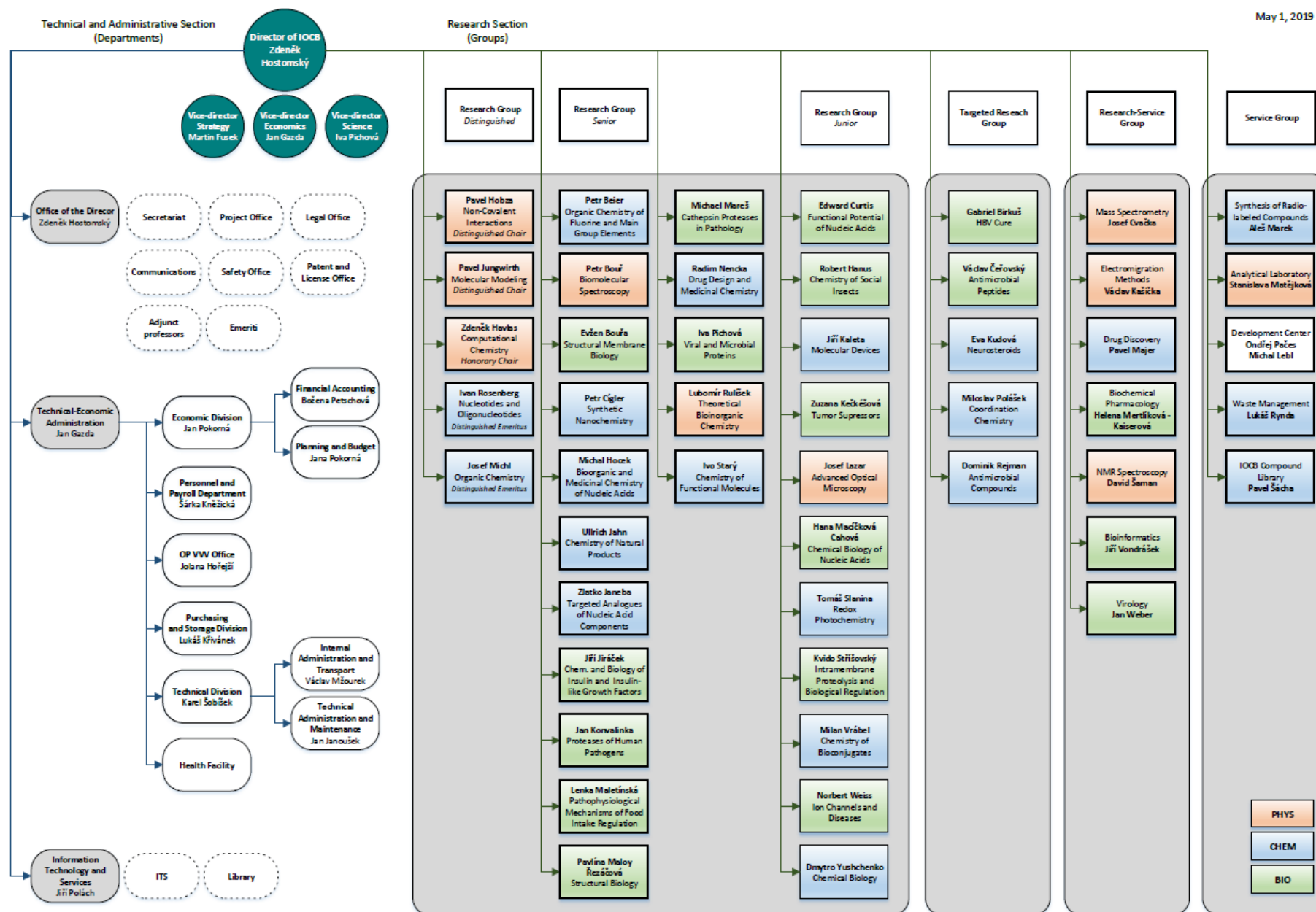
# Agenda

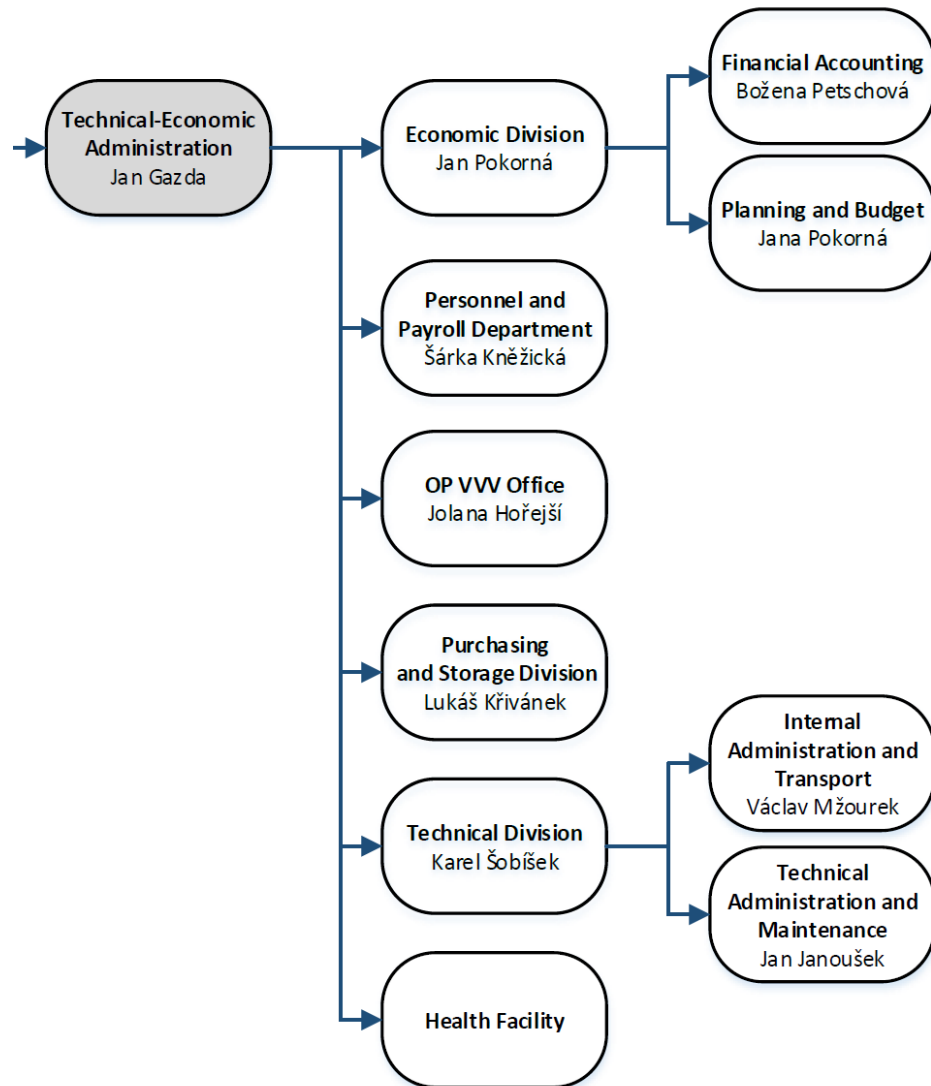
- Current changes in TEA
- IOCB Prague Summer Student Program 2019
- The PARC – Pharmaceutical Applied Research Center
- New member of the IOCB Supervisory Board
- Miscellanea - Upcoming events



# IOCB Organizational Structure

May 1, 2019





## Recent Changes in Technical-Economic Administration (TEA)

# Current changes in TEA



- Dr. Jan Gazda will be leaving IOCB at the end of May
- Ing. Jana Pokorná has been promoted to deputy head of TEA and will be serving as acting head
- We will be testing the effectivity of individual parts of the system
- Distinguish what is a personality problem vs. what is a system flaw – introduce corrections
- Testing dynamic processes to satisfy scientists' needs
- Situation now is different from several years ago (personnel changes, growth of IOCB, extra complexity – OPVVV, etc.)
- Seeking an effective system that is scalable

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# IOCB Prague Summer School Program 2019

## Information about the program

- 8 weeks program (15th July to 6th September)
- the scholarship is 980 €
- accommodation – Masaryk Dormitory

## SSP 2019

- 47 applications
- mostly from Spain
- 18 places so far booked at Masaryk Dormitory

**INTERNAL DEADLINE FOR  
SELECTION:**

**Friday, May 17th, 2019**

*[katerina.solcova@uochb.cas.cz](mailto:katerina.solcova@uochb.cas.cz)*

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# English Pronunciation lessons

## When

- Tuesdays – from 4 pm to 6 pm
- Thursdays – from 8 am to 10 am

## Where

- Video conference room A 4.32

## Lesson

- **James J. Tufano, PhD**
- 20 min

Please, make your reservation via:

**[uochb@uochb.cas.cz](mailto:uochb@uochb.cas.cz)**

Subject: EP - Reservation

# IOCB Publication Support Policy

IOCB is interested in increasing the visibility and impact of its publications

## When to apply for reimbursement:

- extra costs associated with the improved presentation of selected papers
  - color pictures
  - cover feature
  - open access

## Here is the recommended protocol for the authors:

1. Talk to the director to get his consent to support the publication
2. Negotiate with the publishers directly and pay for the extra costs from your group's budget (VEJ)
3. Send the copy of the invoice to **uochb@uochb.cas.cz** (cc to Director's office)
4. Secretariate communicates with the Economic Department, and then the expenses will be reimbursed to your group's budget



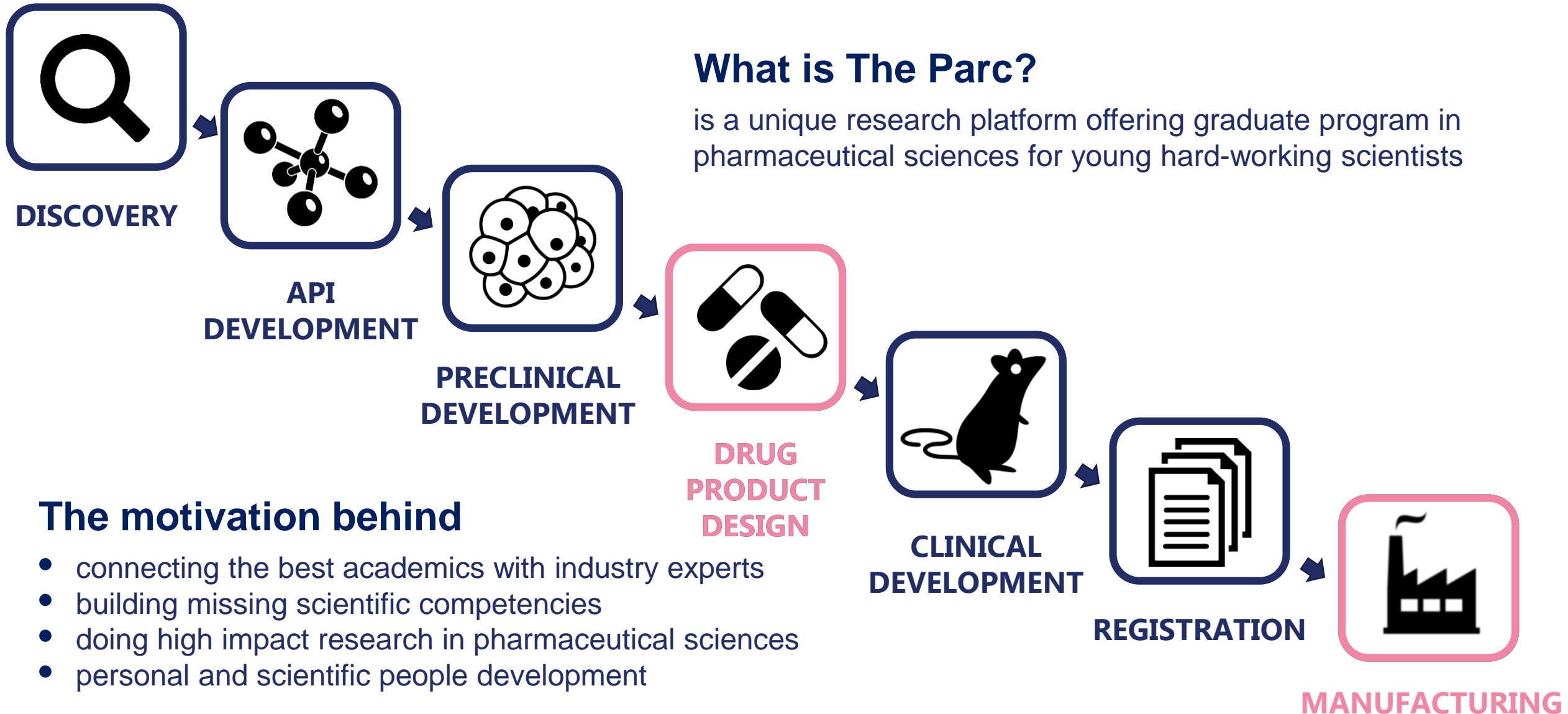
# Ph.D. INTERVIEW DAY @ IOCB – 2020 – time schedule



**Ph.D. Award Fellowship** – for the 1<sup>st</sup> year of Ph.D. (suggested cca. 25 000,- CZK brutto per month)

- 2x BIO
- 2x CHEM
- 1x PHYS

# The PARC – Pharmaceutical Applied Research Center





today is virtual research cluster  
of Zentiva and 3 academic partners



ZENTIVA



UNIVERZITA  
KARLOVA



ÚOCHB <sup>AV</sup>  
IOCB PRAGUE

The Parc is a unique  
research platform  
offering graduate  
program  
in pharmaceutical  
sciences for young  
hard-working  
scientists.

# The PARC is connecting the best academics with industry experts

API solid state  
chemistry  
and processes



Preformulation  
and solid state  
analyses



Biopharmacy



Drug delivery  
design  
and processes



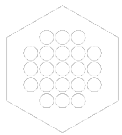
Preclinical  
and clinical  
development



## By Now

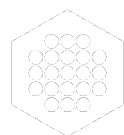
- Research cluster of Zentiva and 3 academic partners
- Operational Directors
  - Prof. Ing. **František Štěpánek**, Ph.D.
  - **Pavel Calta**, Ph.D.

If there is any interest, please let know Katerina Solcova who can organize a proper introduction of the Parc from Dr. Pavel Calta (ZENTIVA).



# Miscellanea

Pavel Jungwirth



# Update on the Dream Chemistry Award

# New member of the IOCB Supervisory Board

**Dr. Martin Bilej** has been named a new member of the IOCB Supervisory Board for a 5-year term, to replace the deceased Prof. Zima.





## Prof. Josef Michl

Ústav organické chemie a biochemie AV ČR  
*Institute of Organic Chemistry and  
Biochemistry of the CAS*

80 let  
80 years

24.05.2019

Přijďte na oslavu osmdesátin prof. Josefa Michla konanou dne 24.5.2019 v Ústavu organické chemie a biochemie AV ČR, Flemingovo nám. 2, Praha 6. Oslava začne přednáškami v 9:00 a bude pokračovat i odpoledne společenským posezením s pohoštěním, na které jste srdečně zváni.

*Come to celebrate Prof. Josef Michl's 80th birthday. The celebration will be held on May 24, 2019 at the Institute of Organic Chemistry and Biochemistry AS CR, Flemingovo nam. 2, Prague 6. The celebration will start with lectures at 9 am, and will last until the afternoon. We also cordially invite you to an afternoon party with refreshment for everyone.*

*The celebration will take place thanks to the kind support of the IOCB.*



za organizátory:  
organizers:

Zdeněk Havlas

Jiří Kaleta



## Prof. Josef Michl's 80<sup>th</sup> Birthday

Institute of Organic Chemistry and Biochemistry



### Friday 05/24/19

9:00 - 9:10 *Official Opening*  
9:10 - 9:30 Zdeněk HAVLAS  
Alexandr ZAYKOV  
9:30 - 9:50 Petr ČÁRSKÝ  
9:50 - 10:10 Radek ZBOŘIL

10:10 - 10:30 Petr KLÁN

10:30 - 10:50 *Coffee Break*

10:50 - 11:10 Jiří KALETA

11:10 - 11:30 Jacek W. WALUK  
11:30 - 11:50 Henrik OTTOSSON

11:50 - 12:10 Jana ROITHOVÁ

12:30 - 13:30 *Lunch Break*

13:30 - 13:50 Peter CHEN

13:50 - 14:10 Odile EISENSTEIN

14:10 - 14:30 Vlasta BONAČIČ-KOUTECKÝ

14:30 - 14:50 *Coffee Break*

14:50 - 15:10 Helmut SCHWARZ

15:10 - 15:30 Martin KAUPP

15:30 - 15:45 *Closing Remarks*

15:45 - ? *Banquet*

Zdeněk HOSTOMSKÝ  
Search for Singlet Fission Chromophores.

My Scientific Encounters with Josef Michl.  
Chemistry of Graphene and Carbon Dots Towards  
Advanced Magnetic, Biomedical and Environmental  
Technologies.  
Near-Infrared Photorelease. How Far Can We Go with  
a Single Photon?

How to Convince Molecular-Level Devices to Form  
2-D Films?  
Porphycenes.  
Exciting Excited State Aromaticity and  
Antiaromaticity.  
Game of Spins at the Oxo Wall.

*(IOCB club)*

Quantifying Dispersion Effects on Structure and Bond  
Strengths in the Gas Phase and in Solution.  
Anisotropy of Solid State NMR Chemical Shift  
Signal and the Analysis of the Metal Alkyl Bond in d<sup>0</sup>  
Metal Alkyl Complexes: A Story Initiated by Josef in  
the 80's.  
From Nanoclusters and Photochemistry Towards  
Materials for Catalysis, Bioimaging and Efficient Light  
Harvesting.

Chemistry is Marked by Magic Events: The Methane  
Challenge.  
Local Hybrid Functionals: an Emerging New Tool in  
Quantum Chemistry and Beyond.  
Josef MICHL

*(IOCB club)*





# Prague-Weizmann Summer School

## ADVANCES IN DRUG DISCOVERY

### SECOND ANNOUNCEMENT

#### DRUG discovery and DEVELOPMENT from basic research through preclinical to clinical phases

Prague, Czech Republic ■ September 2<sup>nd</sup> – 6<sup>th</sup>, 2019

The Summer School is organized by the University of Chemistry and Technology Prague ([www.uct-prague.eu](http://www.uct-prague.eu)),  
Institute of Organic Chemistry and Biochemistry of the CAS ([www.iocb.cz](http://www.iocb.cz)) and Weizmann Institute of Science ([www.weizmann.ac.il](http://www.weizmann.ac.il)).

#### SELECTED SPEAKERS

<b>Mads Tang-Christensen</b> <i>Novo Nordisk</i>	<b>Daniel Angst</b> <i>Novartis</i>	<b>Alexander Dömling</b> <i>University of Groningen</i>	<b>Eric Lansdon</b> <i>Gilead</i>	<b>Claney Pereira</b> <i>Vaccilon</i>
<b>James Engel</b> <i>University of Michigan</i>	<b>Marc Slack</b> <i>Evotec</i>	<b>Igor Komarov</b> <i>University of Kyiv</i>	<b>Keith Wreggett</b> <i>Innospective</i>	

and speakers from Weizmann Institute, UCT Prague and IOCB

#### Registration fee:

	Early bird before and on July 15, 2019	Regular from July 16, 2019
Regular participation with accommodation (in a double room)	300 EUR	350 EUR
Participation only (no accommodation)	200 EUR	250 EUR

#### Registration fee includes: Regular fee:

- Admission to the scientific programme
- Accommodation for 4 nights (September 2 – 6)  
at Masaryk Dormitory / in a double room
- Conference materials
- Coffee breaks, lunches
- Welcome party
- Guided tour with dinner

The Summer School is intended mainly for PhD students and postdocs.

Expert speakers from major international pharma and biotech companies and academia will cover these broad areas:

- Target discovery
- General chemical approaches – medicinal chemistry
- Structure and in silico based drug design
- Lead structure characterization
- Preclinical and clinical development
- Principles and examples of commercial drug development cycle

#### SCHOLARSHIP

Organizers decided to grant a scholarship to a total of 15 participants in the form of a FREE REGISTRATION.

Please send your application incl. CV and a short explanation on the reasons of your request to the e-mail: [peckova@cbttravel.cz](mailto:peckova@cbttravel.cz) before June 1, 2019. The selection will be made by the Scientific Committee and the participants will be informed by 30. 6. 2019 at the latest.

#### BEST POSTER AWARD

we would like to encourage participants to present their research in the form of poster presentation.  
The scientific committee will evaluate all contributions and award THE BEST POSTER.

You are very welcome to register on line at  
<http://www.praguesummerschool.cz/registration-online.php>

Organizing Secretariat: Congress Business Travel Ltd.  
Lidická 43/66, 150 00 Prague 5 – Anděl, Czech Republic  
Phone: +420 224 942 575, +420 224 942 579; Fax: +420 224 942 550; E-mail: [praguesummerschool@cbttravel.cz](mailto:praguesummerschool@cbttravel.cz)



[www.praguesummerschool.cz](http://www.praguesummerschool.cz)

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# Detlef Schröder Seminars – 1H2019

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- **Prof. Petr KLÁN:** Tue April 23, 2019
  - *„Transition-metal-free releasing compounds activatable by visible to NIR light“*
- **Dr. Tanguy SAGET:** Tue May 21, 2019
  - *„Molecular complexity through enantioselective catalysis“*
- **Dr. Jakub ŠVENDA:** Wed June 5, 2019
  - *„Toward Fully Synthetic Analogs of Bioactive Natural Products“*



# Mtgs w GLs - 2019 Schedule

- January 14
- February 25
- March 25
- April 15
- May 13
- June 17
- September 9
- October 14
- November 11
- December 16

Always on Mondays at 10:00 am in the Director's Boardroom A4.01