



ÚOCHB ^{AV}
IOCB PRAGUE

Meeting with Group Leaders

Jan Konvalinka | February 23, 2023

Agenda

- 9th Prague-Weizmann Summer School in Drug Discovery & Development
- Institutional resilience
- Occupational Safety and Health – Updates
- Instrumentation database
- IOCB Service Days
- Prizes nominations
- GA ĆR Projects
- PhD Interview Day
- 70 years of IOCB Prague and beyond
- Skiing in Colorado
- Miscellanea

9th Prague-Weizmann Summer School in Drug Discovery & Development

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July 30th – August 3rd 2023, WIS, Rehovot, Israel (<https://www.weizmann.ac.il/conferences/SSDD2023/>)

Registration is now open!

Cost of a registration fee (350 €) for up to 15 IOCB students will be covered by the institute's budget:

- **April 14:** Internal deadline for poster abstract submission to uochb@uochb.cas.cz
- **May 2:** Internal selection will close and shortlisted students should register.



Institutional Resilience

- CAS requires IOCB to take measures regarding institutional resilience
- Should protect our IP and technology against anti-democratic forces which try to gain access to our IP using illegal methods
- A new Directive has been recently approved, will be published
- Institutional resilience coordinator: Jiří Polman – tel. 606 054 307
- There will be a training prepared for GLs and management showing how to recognize the risks and what to do.

Safety audit in organic labs - Building B

Basic learnings - pictures are self-explanatory

Oh, Housekeeping !!!



Housekeeping sometimes extreme !!!



Safety audit in organic labs - Building B

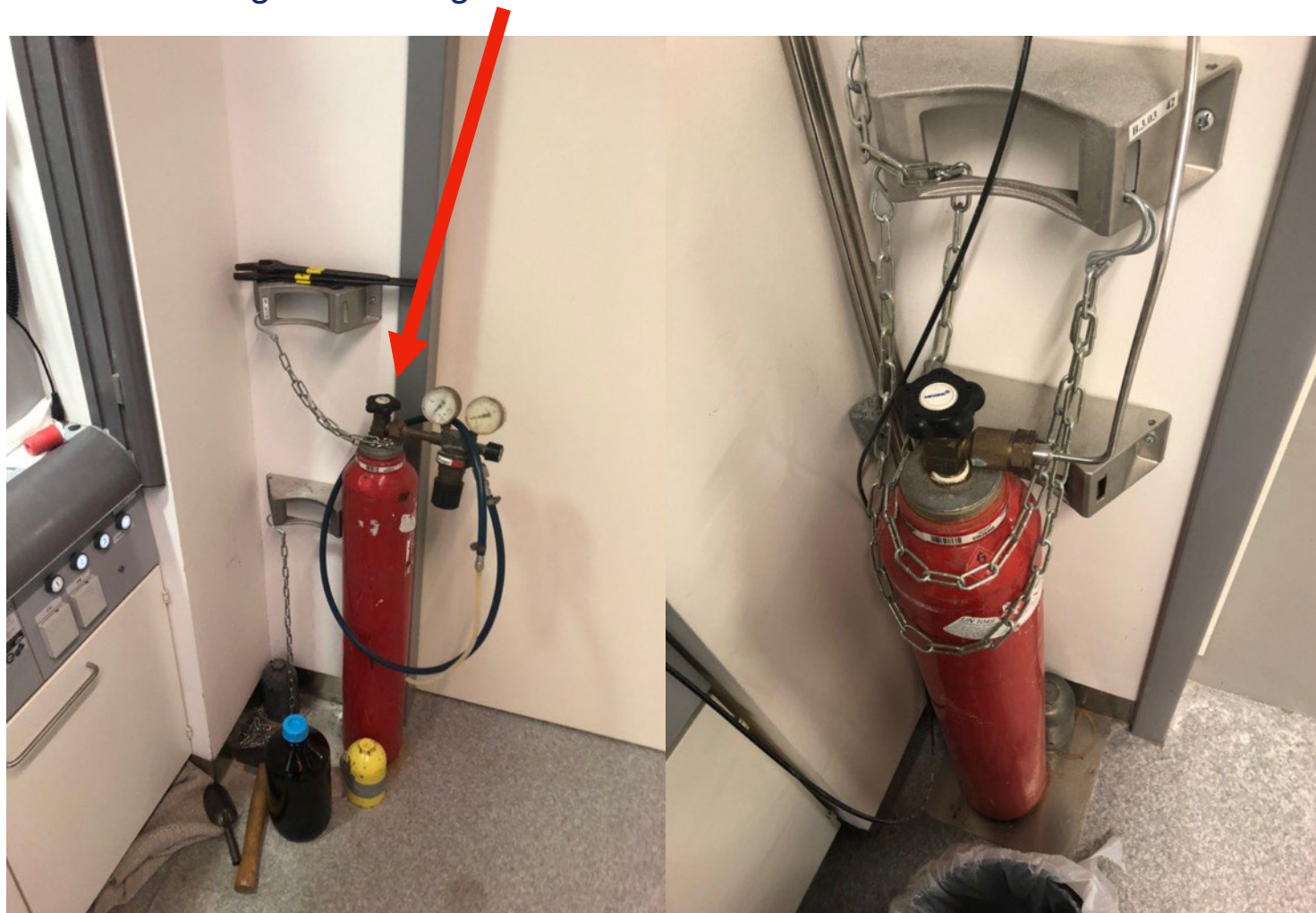
Not wearing Personal Protective Equipment



Safety audit in organic labs - Building B

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Gas bottles must be properly secured
Avoid fastening at reducing valve area



Hobby arrangements - really very stable?

Attempt for balancing between chlorinated and non-chlorinated



Safety audit in organic labs - Building B

8

Blocked fire extinguishers - are really difficult to get !

Safety eyes shower: You will destroy ½ of the lab before use
Remember, you will be blind when you need it !!



Instrumentation Database

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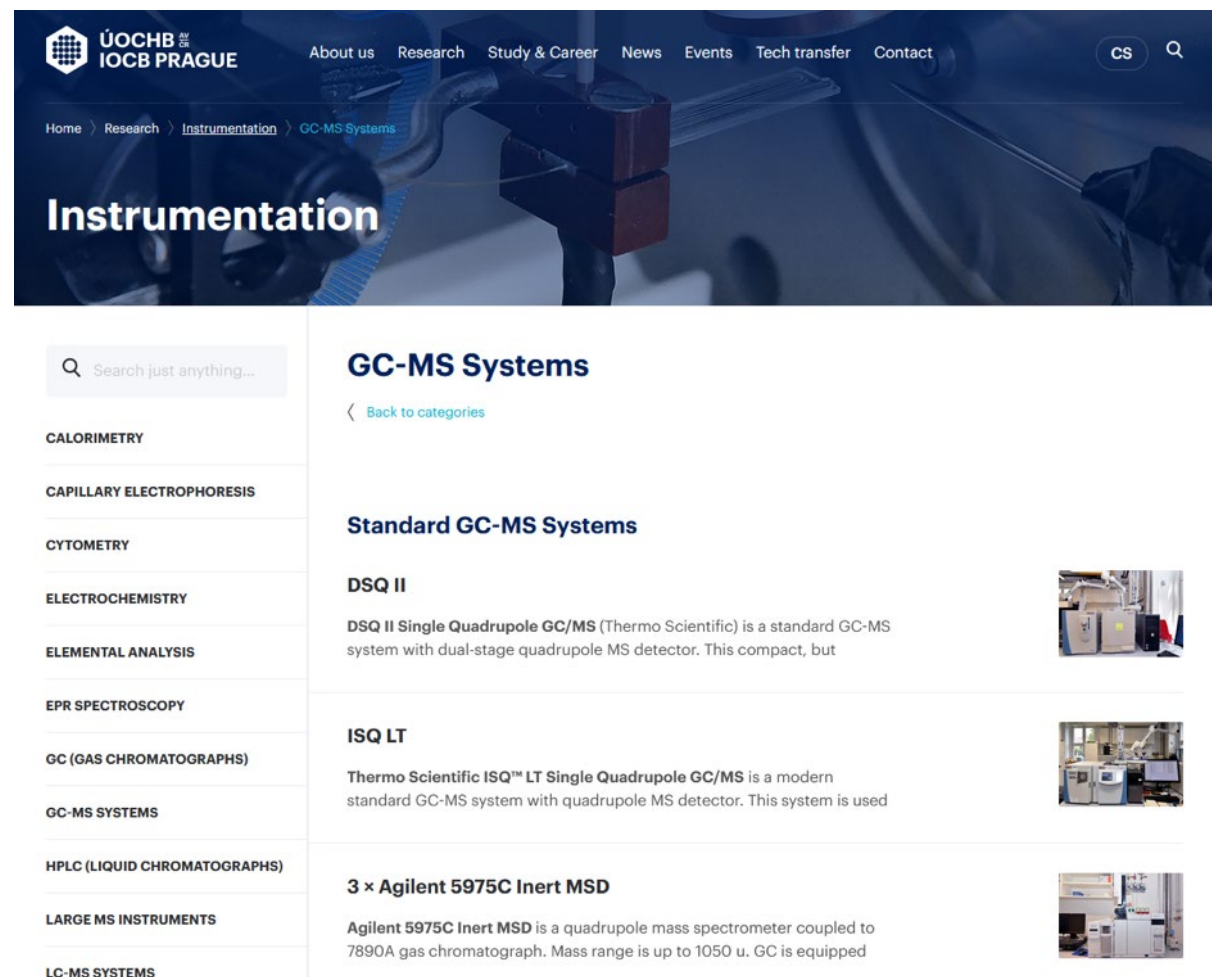
Please report (new) instrumentation
to Michal Hoskovec (ext. 240).

Instrumentation Database

www.uochb.cz

→ Research

→ Instrumentation



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Home > Research > Instrumentation > GC-MS Systems

Instrumentation

Search just anything...

GC-MS Systems

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Standard GC-MS Systems

DSQ II

DSQ II Single Quadrupole GC/MS (Thermo Scientific) is a standard GC-MS system with dual-stage quadrupole MS detector. This compact, but

ISQ LT

Thermo Scientific ISQ™ LT Single Quadrupole GC/MS is a modern standard GC-MS system with quadrupole MS detector. This system is used

3 × Agilent 5975C Inert MSD

Agilent 5975C Inert MSD is a quadrupole mass spectrometer coupled to 7890A gas chromatograph. Mass range is up to 1050 u. GC is equipped

IOCB SERVICE DAYS

2023

Presentation of services by:
Research-Service Groups / Service Groups / Core Facilities

9:00 **IOCB Compound Library**

9:15 **Mass Spectrometry**

9:30 **Virology**

9:45 **Synthesis of Radiolabeled Compounds**

Coffee break

10:30 **High Performance Computing**

10:45 **MicroScale Thermophoresis Research Core Facility**

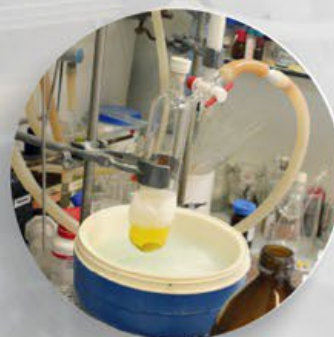
11:00 **Cryogenic Electron Microscopy**

11:15 **Development Center**

11:30 **Drug Discovery**



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Tuesday
28 February 2023
IOCB Lecture Hall
9–11:45

Call for Prizes nominations

Due 31 March 2023 (IOCB: 17 March)



- **Otto Wichterle Award 2023:** for early career researchers up to 35 years



- **Prize for Talented Scientist:** for early career researchers up to 10 years since PhD; Czech or Slovak speakers
- **Main Prize:** for long-term contributions to Czech science; born and studied in Czechia/Czechoslovakia
- **Connecting Science and Business Prize:** for a successful transfer of a scientific result into commercial realm



- **Alfred Bader prize for inorganic/bioorganic chemistry 2023:** for Czech researchers up to 35 years

GA ČR project submissions

Deadline for submission: 4 Apr 2023

Calls for proposals 2024

- Standard projects
- JUNIOR STAR projects
- International projects - bilateral and Lead Agency
- Postdoctoral Individual Fellowship (incoming + outgoing)

Please follow the IOCB internal deadlines.

Further details are available on the [Intraweb](#) (Calls and How to apply).

Internal rules for JUNIOR STAR submission 2024:

- Only junior group leaders approved by the IAB may submit.
- A conflict with the rules for the formation of a new scientific group at IOCB.
- Submission to other Czech institutions is not limited.
Evaluation criteria include concept of formation of a scientifically and organizationally independent group and its sustainability.
- Host institution commits to provide suitable premises, administrative and technical support and access to existing equipment during and after the project implementation.

PhD Interview Day: shift of deadlines



- Application deadline: **Wednesday, March 1**

Please keep selecting candidates for Interview day!
& inform Martina as soon as you are sure that you want to invite the candidate

- Selection deadline: **Wednesday, March 8**

(only 7 days to shortlist the invited candidates)

Help us advertise PhD at IOCB

- IOCB webpage + social media
- Euraxes
- FindAPhD
- Personal communication...



Slide, PDF or print available at Martina





May 31, 2023, 9:00 – 18:00
National Library of Technology, Prague

Call for abstracts launched on February 1, 2023:

- **IOCB Junior Group Leaders** together with **recently promoted Senior Group Leaders** are invited to **give an oral presentation**
- **All IOCB groups** are encouraged to participate in the poster session and **feature their projects and latest results as a poster**. Group leaders themselves are asked to make selection of one poster from their group.

Important dates:

- Deadline for oral presentation abstracts: **February 28, 2023**
- Deadline for poster abstracts: **March 10, 2023**
- Results of the abstract selection: **March 15, 2023**

All abstracts must be submitted by e-mail to **symposium70@uochb.cas.cz**.

“Colorado Ski” Meeting

- Proposal for a new format of the meeting - GL with iOCB management to DISCUSS topic of general interest usually of “strategic nature”
- once a year
- off-site for few days (prolonged weekend)
- should be enough time left for non-formal peer to peer interaction, sport or tourist activities
- should enable GL interaction accross the platforms and possibly new non-intuitive collaborations
- Next one possibly May/June 2023 in ~~Aspen, Colorado~~ Hojsova Stráž (?)

Miscellanea



PhD SCIENCE CLUB
ÚOCHB AV ČR / IOCB PRAGUE



ÚOCHB AV ČR
IOCB PRAGUE

PhD SCIENCE CLUB

Speakers:

Navyasree Venugopal (Ullrich Jahn Group)

Selective α -oxygenation of glycine derivatives; a key to short peptides containing non-natural amino acid

Maximilián Lamanec (Pavel Hobza Group)

Non-symmetric distribution of electron density at Br atom (σ -hole): theory and experiment

Markéta Šoltysová (Pavčina Maloy Řezáčová Group)

Structural study of SorC family bacterial transcriptional regulators

You are cordially welcome.



28/2
3 PM

IOCB Lecture Hall

IOCB Events 2023

- 28. 2. IOCB Service Days II.
- 23. 3. PhD Interview Day
- 24. 3. Lecture: Jean-luc Doumont
- 3. 4. IOCB Invited Lecture: Prof. F. Ulrich Hartl
- 14. 4. General Assembly of IOCB employees (Balling Hall – NTK)
- 4. 5. IOCB Invited Lecture: Prof. Lisa Stowers
- 20. 5. Open House Praha
- 31. 5. Symposium: 70 years of IOCB Prague and beyond (Balling Hall – NTK)
- 8.–10. 6. Science Fair 2023 (Expo Letňany)
- 21. 6. VědaFest (Vítězné náměstí)
- 30. 7. – 3. 8. Prague-Weizmann Summer School 2023 (in Rehovot, Israel)
- 6.–9. 9. IAB visit at IOCB
- 25.–27. 9. Joint Symposium with KU Leuven (*tentative date*)
- 6.–11. 11. Week of the CAS & IOCB Openhouse Days
- 4.–5. 12. Dream Chemistry Award Finals

Mtgs with GLs – 2023 Schedule

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- March 31
- April 28
- May 26
- June 29

Thank you!