

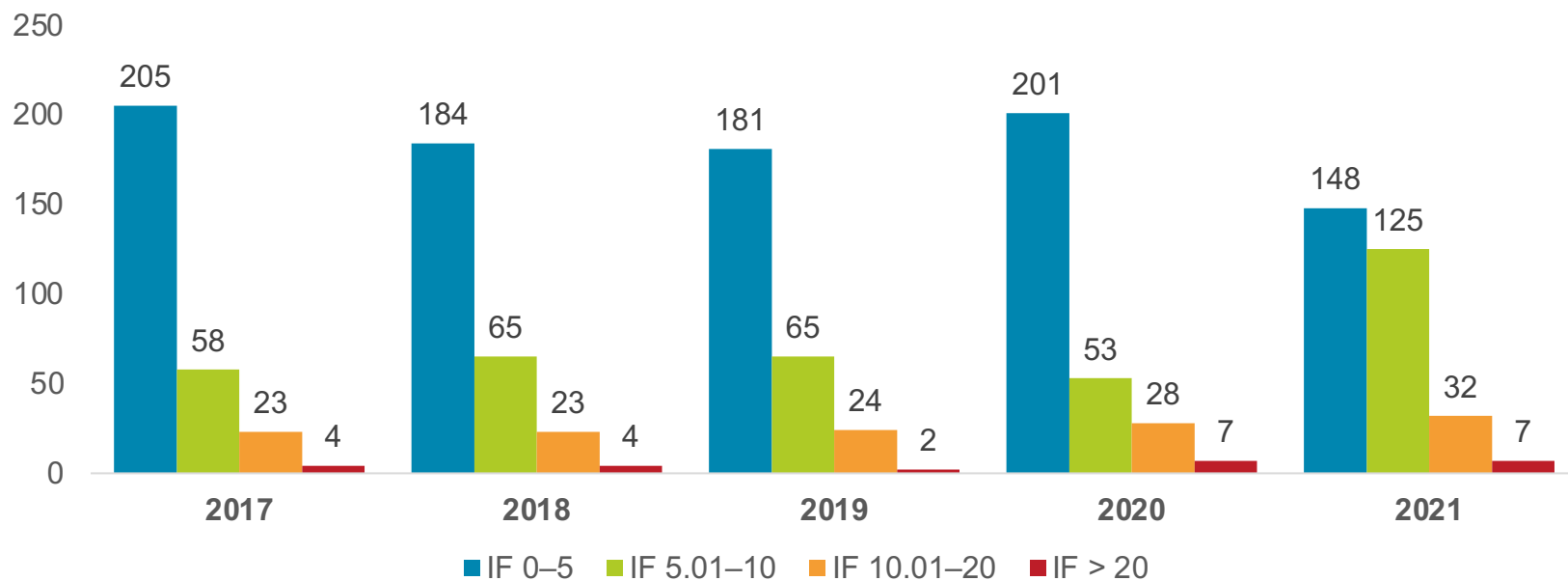
General Assembly of IOCB Employees

Agenda

- Publications 2021
- Changes in IOCB groups
- New IOCB Board
- New Grants
- HR Updates
- Ten years at IOCB: Overview of 2012–2022

IOCB Publications 2021

Year	IF 0–5	IF 5.01–10	IF 10.01–20	IF > 20	Total
2017	205	58	23	4	290
2018	184	65	23	4	276
2019	181	65	24	2	272
2020	201	53	28	7	289
2021	148	125	32	7	312



Changes in IOCB Groups

New Research-Service Group

Cryogenic Electron
Microscopy
Tomáš Kouba

New Service Group

High Performance
Computing
Hector Martinez-Seara

Changes in IOCB Groups

Junior Research Groups promoted to Senior Research Groups

Milan Vrábel

Chemistry of
Bioconjugates

Edward Curtis

Functional Potential of
Nucleic Acids

Senior Research Groups awarded position of Distinguished Chair Groups

Michal Hocek

Bioorganic and
Medicinal Chemistry of
Nucleic Acids

Jan Konvalinka

Proteases of Human
Pathogens

Ivo Starý

Chemistry of Functional
Molecules

Changes in IOCB Groups

Targeted Research Group transferred to Junior Research Groups

Eva Kudová
Neurosteroids

Miloslav Polášek
Coordination Chemistry

Research Service Group transferred to Senior Research Group

Jiří Vondrášek
Bioinformatics

International Grants: ERC



2 European Research Council (ERC) Starting Grants awarded to IOCB Junior Group Leaders for the period 2022–2026:

- **Hana Cahová:** StressRNaction: Non-canonical RNA caps – cellular reaction to environment and stress
- **Tomáš Slanina:** SOLBATT: Storage of Electrons into Chemical Bonds: Towards Molecular Solar Electrical Batteries

International Grants: MSCA



Marie-Skłodowska-Curie Actions (MSCA) grants

HEL4CHIROLED: Helical Systems for Chiral Organic Light-Emitting Diodes
2020–2023 | Irena Stará

NATURE-ETN: Nucleic Acids for Future Gene Editing, Immunotherapy and Epigenetic Sequence Modification
2020–2024 | Michal Hocek

ProTeCT: Proteasome as a target to combat trichomoniasis
2019–2022 | Pavla Fajtová

KavaTarget: Identification of molecular targets of psychoactive kavalactones using iBodies
2021–2022 | Tomáš Pluskal

PhotoRedOx: Spectroscopic and Computational Elucidation of Transition Metal Photoredox Mechanisms
2021–2024 | Daniel Bím

HR Updates (as of 31 December 2021)

HR statistics

- IOCB has a total of 880 employees (704 FTE), of which 298 researchers and 229 PhD students.
- Another 34 employees on maternity or parental leave and 10 employees on unpaid leave.
- 8 persons with disabilities were employed at the Institute.
- 61% of employees are 40 years old or younger, 37% are below 30 years.
- 25% of IOCB employees are foreigners.
- 82% of employees have a university degree.
- Women predominate in age category under 30 and 51-60 years, with more men in the other age categories. In the category over 60 years, only one third are women.



HR EXCELLENCE IN RESEARCH

HR Award

IOCB was awarded HR Excellence in Research Award on 12 November 2021.

New IOCB Board

Chairman: prof. Mgr. Pavel Jungwirth, CSc., DSc.

Vice-Chairman: prof. Ing. Michal Hocek, CSc., DSc.

Internal Members: doc. RNDr. Martin Dračinský, Ph.D.
RNDr. Pavel Majer, CSc.
RNDr. Pavlína Maloy Řezáčová, Ph.D.
Ing. Kvido Stříšovský, Ph.D.

External Members: prof. Ing. Radek Cibulka, Ph.D. (UCT Prague)
prof. RNDr. Jan Černý, Ph.D. (Faculty of Science, Charles University)
prof. RNDr. Petr Slavíček, Ph.D. (UCT Prague)

Ten years at IOCB

A glimpse back to move on...



Key points

- Happy Hours
- Prime hub for basic research in chemistry- and biology-related disciplines
- Applied research – dedicated structure led by IOCB Tech: establishment of Targeted Research Groups and SWAT Teams, i&i Prague, spin-offs
- Gilead Sciences, TAF: Long-term financial stability and sustainability
- Administrative support – reorganization (HR, Project Office, Legal Office, ITS, Comms...)
- Renovation and construction of the IOCB campus and real estate acquisitions
- New groups and the role of the IAB
- Reinforced international collaboration (JHU, Weizmann, MIT)
- Support of mothers returning from maternity leave etc.
- Impact of pandemics
- Research is borderless, but the space is limited (Papírenská ☹)