



6th Czech Cilia meeting

26th June 2023

Prague, Institute of Molecular Genetics
of the Czech Academy of Sciences, building Fc

PROGRAM:

Till 12:25 Arrival and registration

12:30-12:40 Meeting opening

SESSION 1 Chair: Martina Huranová

12:40-13:20

Keynote lecture: **Dagmar Wachten** (Institute of Innate Immunity, University
Hospital Bonn, Bonn, Germany)

“Shedding light on primary cilia signaling and function”

13:20-13:50 **Martina Huranová** (Institute of Molecular Genetics, Prague)

“Defective ciliary trafficking in BBSome-deficient cells activates CDC42 to
trigger actin-dependent ciliary ectocytosis”

13:50-14:05 **Sara Poovakulathu Abraham** (Masaryk University, Brno)

“Regulation of primary cilia and centrioles by Ciliogenesis associated
kinase 1 (CILK1)”

14:05-14:20 **Olha Ivashchenko** (Institute of Molecular Genetics, Prague)

“Cilia function in hematopoiesis”

14:20-14:35 **Marie Zelená** (Institute of Molecular Genetics, Prague)

“Just the tip of the iceberg: revealing the structure of the Trypanosoma brucei flagellum tip bit by bit”

14:35-15:00 Coffee break

SESSION 2 Chair: Vladimír Varga

15:00-15:30 **Elif Nur Filar Karalar** (Koc University, Istanbul, Turkey)

“Ciliary and non-ciliary functions of the ciliopathy protein CCDC66”

15:30-16:00 **Alexandru Nita** (Masaryk University, Brno)

“Identifying fifteen novel receptor tyrosine kinases including FGFR2 to function in primary cilia”

16:00-16:30 **Lukáš Čajánek** (Masaryk University, Brno)

“Primary cilia formation: a TTBK2 perspective”

16:30-16:45 **David Vysloužil** (Masaryk University, Brno)

“Exploring Zebrafish to study cilia formation *in vivo*”

16:45-17:00 **Kristýna Mašková** (Institute of Molecular Genetics, Prague)

“Molecular mechanisms behind the BBS1 mutations in Bardet-Biedl Syndrome patients”

17:00-17:15 **Andrea Felšöová** (Charles University, Prague)

“Kuc, kuc, kuc! Case report of three siblings with primary ciliary dyskinesia”

17:15 onwards - Closing remarks

Award “Best student talk 6thCCM 2023”

Discussions & dinner