

Ing. Martin Tlustý, Ph.D.

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Personal data:

Born 18th January 1993, Tabor (Czech Republic)

Professional data

2011-2012	Institute of Parasitology, Biology Centre of Czech Academy of Sciences, researcher in the field of mosquito-borne diseases under the supervision of Dr. Daniel Růžek and Dr. Patrik Kilian
2012-2015	University of Chemistry and Technology (UCT) Prague, Department of Organic Chemistry (BSc.), bachelor thesis "Dimercuration of calix[4]arenes and its synthetic application" (Supervisor: Prof. Pavel Lhoták)
2015-2017	UCT Prague, Department of Organic Chemistry (MSc.), master thesis "Synthesis of upper rim-bridged calix[4]arenes" (Supervisor: Prof. Pavel Lhoták)
2017-2021	UCT Prague, Department of Organic Chemistry (Ph.D.), Ph.D. thesis "Synthesis of inherently chiral calixarenes" (Supervisor: Prof. Pavel Lhoták)
2021-2022	researcher at the Department of Organic Chemistry, UCT Prague
02/2022-03/2023	postdoctoral fellow at School of Chemistry, University of Southampton, UK, (Supervisor: Prof. Stephen Goldup)
03/2023-04/2024	postdoctoral fellow at School of Chemistry, University of Birmingham, UK, (Supervisor: Prof. Stephen Goldup)
05/2024-01/2025 since 02/2025	researcher at the Department of Organic Chemistry, UCT Prague Assistant Professor, Department of Organic Chemistry, UCT Prague, synthesis of mechanically interlocked molecules and crystalline porous materials

Awards

2021	2 nd place in Jean-Marie Lehn award for chemistry presented by the French embassy in Prague
2017	2 nd place in Synthon award for the best diploma thesis

Research interest

supramolecular chemistry, chemistry of mechanically interlocked molecules, chemistry of calixarenes, mechanical chirality, inherent chirality, noncovalent interactions, metal-organic frameworks, covalent organic frameworks

Publications and presentations

13 original research papers, 12 presentations on conferences

Pedagogical activity

Organic Chemistry A and B
Organic Chemistry I and II
Organic Chemistry: Laboratory I and II