

doc. Mgr. Karel Kubíček, Ph.D., [REDACTED] in Valtice, married, 2 children

Contacts

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Czech Republic

T : [REDACTED]

M : [REDACTED]

E : [REDACTED]

Employment / Position

Associate Professor	Department of Condensed Matter Physics
Coordinator	National Centre for Biomolecular Research
Researcher	Laboratory of Structural Biology of Gene Regulation [REDACTED] [REDACTED] CEITEC MU)
Guarantor	Biophysics
Contact person	CEITEC MU
Coordinator	Departmental coordinator of foreign stays

Education and Academic Qualifications

2020—	Assoc. Prof.	Biophysics, Dept. Condensed Matter Physics, Faculty of Science, Masaryk University, Brno, Czech Republic
2018 (5 months):		Scientific exchange within Twinning project (TWINFUSYON) Johannes Kepler University, Linz, Austria (prof. Kurt Hingerl)
2008—	Scientist	CEITEC MU, laboratory of prof. Richard Štefl
2007—20:	Assist. Prof.	Biophysics, Dept. Condensed Matter Physics, Faculty of Science, Masaryk University, Brno, Czech Republic
2005—07:	PostDoc	Max-Planck-Institute for Biophysical Chemistry in Göttingen, Department of NMR-based Structural Biology; studies of ligand–target interactions by solution NMR in the group of Dr. Teresa Carlomagno and Prof. Christian Griesinger.)
2001—04:	Ph.D.	International doctorate in structural biology, Magnetic Resonance Center (CERM) in Florence, Italy. Degree awarded by University of Florence, Italy. Topic of Thesis: NMR Characterization of Protein–Protein and Protein–Cofactor Interactions (Supervisor Prof. Lucia Banci)
1996—2001:	MSc	Masaryk University, Faculty of Science, Department of Theoretical and Physical Chemistry. Topic of Thesis: Application of Residual Dipolar Interactions for Structure Determination of Biomolecules (Supervisor Prof. Vladimír Sklenář)
1992—96:		Technical College of Chemistry in Brno

Grants

2015-2018	GAČR standard grant: GA15-24117S The importance of having YS phosphorylated. Investigation of interaction between CTD and transcription elongation factor Spt6
2011-2013	OP Vzdělávání pro konkurenceschopnost: Reforma a rozvoj výuky Biofyziky pro potřeby 21. století
2008-2010	GAČR postdoctoral grant: 202/08/P416 NMR study of interaction of cisplatinated G/T mismatched DNA substrate with protein MutS

Teaching Activities

2013-2019	Organisation of Biophysical competition
2008-present	Mentoring students
2008-present	Teaching activities (biophysics, practical and theoretical NMR spectroscopy, experimental techniques in biophysical research)

Scientific and Research Activities

electron microscopy, protein-protein interactions, protein-ligand interactions, NMR spectroscopy, AFM microscopy, drug-design, SAXS, fluorescence anisotropy, isothermal titration calorimetry, molecular dynamics, ...

Science Popularization

2019	Science Slam 11 (together with Martina Zánová)
2017-present	Researchers' Night (CEITEC MU & NCBR)

University Activities

2021-2023	Academic Senate of the Masaryk University Brno, Czech Rep.
2018-2020	Academic Senate of the Masaryk University Brno, Czech Rep.
2015-2017	Academic Senate of the Masaryk University Brno, Czech Rep.
2008-2011	Academic Senate of the Faculty of Science of the Masaryk University Brno, Czech Rep.
1998-2001	Academic Senate of the Masaryk University Brno, Czech Rep.
1996-2001	Academic Senate of the Faculty of Science of the Masaryk University Brno, Czech Rep.

Activities Outside Masaryk University

Member:	The Board of Biophysics, University of South Bohemia
Member:	Board of doctoral studies in Physical Chemistry, Brno University of Technology

Awards Related to Science and Research

2022-2023	MUNI Scientist Award
2006-2007	DAAD scholarship within the program "Modern Applications of Biotechnology"
2001	Special prize of the Czech chemical society for the "Best presentation" on the Student scientific competition
2000, 2001	Chemistry section prize
2000	I. prize in the Student scientific competition

Scientometry (Web of Science as of August 2025)

h-index:	15
number of publications:	27
number of citations:	736