

Curriculum Vitae of JUDITH MIHÁLY



Born	Székelyudvarhely (Romania), 1969
Office address	Magyar tudósok krt. 2 Budapest, Hungary H-1117
Phone	+36-1-382-6850
E-mail	mihaly.judith@ttk.mta.hu
Webpage	http://www.ttk.mta.hu

EDUCATION AND EMPLOYMENT HISTORY

1988 – 1993	MSc studies, Babes-Bolyai University, Cluj-Napoca (Kolozsvár), Romania
1993	MSc in Chemical Engineering
1993 – 1996	PhD studies, Veszprém (later Pannon) University, Veszprém, Hungary
1998	PhD (Veszprém University, Veszprém, Hungary)
1997 – 2004	junior research fellow, Institute of Isotope of Hungarian Academy of Sciences
2004 – 2007	research fellow, Institute of Structural Chemistry Chemical Research Centre of Hungarian Academy of Sciences
2008 – 2011	research fellow, Institute of Nanochemistry and Catalysis Chemical Research Centre, Hungarian Academy of Sciences
2012 – 2013	senior research fellow, Institute of Molecular Pharmacology Research Centre for Natural Sciences, Hungarian Academy of Sciences
2014 –	senior research fellow, Institute of Materials and Environmental Chemistry Research Centre for Natural Sciences, Hungarian Academy of Sciences

FIELDS OF INTEREST

- Vibrational (IR and Raman) spectroscopy of biomembranes, model and biological vesicles, inorganic/organic nanocarriers for drug delivery
- Infrared and Raman spectroscopy and microscopy, FTIR imaging, surface enhanced Raman spectroscopy (SERS)
- Thermoanalytical (TG-DTG, TG-MS) and calorimetric (DSC) methods
- Characterization of metal oxide based electrocatalytic coatings and thin films

GRANTS, FELLOWSHIPS

2014 – 2017	János Bolyai Research Scholarship
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AWARDS

2003	Young Researcher Award of Directory Board of Chemical Research Centre HAS
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MEMBERSHIPS, PROFESSIONAL SERVICES

2014 –	member of the Hungarian Biophysical Society
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TEACHING EXPERIENCE

1997 – 1999	Instrumental Analytical Chemistry laboratory course (Veszprém University)
2003 – 2004	Vibrational spectroscopy, molecular vibrations – course (Veszprém University)
2006 – 2007	Instrumental Analytical Chemistry theme focused laboratory course (Technical University and Economics, Budapest)