Curriculum Vitae of ATTILA BÓTA

Born	Eger (Hungary), 1953
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EDUCATION AND EMPLOYMENT HISTORY

1972 – 1976	BSc studies in Chemical Engineering, Budapest University of Technology (BUTE), Budapest, Hungary
1979 – 1981	MSc studies in Chemical Engineering, (BUTE), Budapest, Hungary
1991 – 1994	MSC studies in Physics, Eötvös Loránd University (ELTE), Budapest, Hungary
1986	„dr. tech" BUTE
1997	Ph.D. (chemistry), (BUTE),
2002	Ph.D. (physics), Eötvös Loránd University (ELTE), Budapest, Hungary
2004	Habilitation (chemistry), BUTE
2012	DSc. (Doctor of the Hungarian Academy of Sciences)
1976 – 2007	BUTE, Department of Applied Chemistry, Department of Physical Chemistry (engineer, research worker, assistant professor)
2007 – 2009	Chemical Research Center of the Hungarian Academy of Sciences (CRC-HAS), Institute of Nanochemistry and Catalysis, Laboratory of Nanostructure Research), head of the Laboratory
2009 – 2011	Chemical Research Center of the Hungarian Academy of Sciences (CRC-HAS), Institute of Nanochemistry and Catalysis, Department of Biological Nanochemistry, head of the Department
2010	private docent
2012 – 2014	Research Centre for Natural Sciences Hungarian Academy of Sciences (RCN HAS), Institute of Molecular Pharmacology, Biological Nanochemistry Research Group, Scientific adviser, Head of Research Group.
2014 – 2015	Research Centre for Natural Sciences Hungarian Academy of Sciences (RCN HAS), Institute of Material and Environmental Chemistry Research, Biological Nanochemistry Research Group, Head of Research Group.
2016 –	scientific adviser

FIELDS OF INTEREST

- Synthesis and structural morphological characterisation of nanomaterials
- Physico-chemical study of self-assemblies of lyotrop systems
- Preparation and structural studies of vesicles systems designed for drug delivery or biological imaging
- application and development of the small angle X-ray scattering method focusing on the low structural resolution of diluted forms of proteins

GRANTS, FELLOWSHIPS (leader of projects)

1989 – 1990	István Szechenyi Hungarian Postdoctoral Fellowship
1990 – 1991	Postdoctoral Fellowship of the Austrian Scientific Academy
1994 – 1997	*Effects of structural defects on the phase transition behaviours of lyotrop systems (Hungarian Scientific Research Funds, OTKA,* T 014396)
1998 – 1999	*In situ SAXS studies on structural changes of colloids systems* (OTKA, T 026332)
1999 – 2003	German-Hungarian bilateral research and technological cooperation (BUTE and Research Centre, Jülich, Germany
2003 – 2005	*Effects of toxic and heavy metal ions on model membrane systems* (OTKA, T 043055)
2008 – 2012	*Nanodrug", Elaboration of nanosystems for drug delivery and development of connecting diagnostic methods*, Hungarian inviting application (JEDLIK)
2010 – 2013	*Structure and dynamics of self-organized molecular assemblies (consortial* CNK-OTKA, K_OTKA_A_08-2-2010-0005.)

2015, 2016	Protein Science Research Synergy Program (MEDinPROT)
1999 –	Accepted research programs at synchrotron stations: DESY(Hamburg), ESRF(Grenoble), BESSY (Berlin), APS (Chicago), at neutron sources: ILL(Grenoble), FRM (Garching-München)

MEMBERSHIPS, PROFESSIONAL SERVICES

1982 –	member of the Colloid-Chemical Committee of HAS
1982 –	member of the Hungarian Chemical Society
2004 –	member of the Membrane Section of the Hungarian Biophysical Society
2007 – 2015	secretary of the Membrane Section of the Hungarian Biophysical Society
2015 –	chairman of the Membrane Section of the Hungarian Biophysical Society
2007 –	member of the Hungarian Synchrotron Committee

TEACHING EXPERIENCE

1981 – 1989	Chemistry laboratory course BUTE
1994 – 1997	Chemistry lecture, (in German), BUTE, Faculty of Mechanical Engineering
1994 – 2007	General and Physical Chemistry lecture, BUTE,. Faculty of Natural Sciences
1994 – 1999	Physical Chemistry, calculation and laboratory course, BUTE, Faculty of Chemical Technology and Biotechnology
1994 – 1999	Solid State Physics lecture, for chemists, BUTE, Faculty of Chemical Technology and Biotechnology
2000 – 2007	Physical Chemistry lecture, BUTE, Faculty of Chemical Technology and Biotechnology
2007 –	Structural Characterization of Colloid Systems, lecture, for Ph.D. students, BME, ELTE-TTK
2010 – 2012	Biophysics, lecture, Biomimetic Materials, lecture, BUTE, Faculty of Chemical Technology and Biotechnology