

CURRICULUM VITAE

Imola Csilla Szigyártó

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EDUCATION

2008 PhD in Chemistry (summa cum laude), Eötvös Loránd University,
Faculty of Science, Budapest, Hungary
2002 MSc in Certified Teacher of Chemistry, Eötvös Loránd University,
Faculty of Science, Budapest, Hungary
2001 MSc in Chemistry, Eötvös Loránd University, Faculty of Science, Budapest,
Hungary

EMPLOYMENT

2016 - Research fellow
Institute of Materials and Environmental Chemistry, Biomolecular Self-
assembly Research Group, Research Center of Natural Sciences

2009 - 2015 Research fellow
Institute of Molecular Pharmacology, Biological Nanochemistry Research
Group, Research Center of Natural Sciences, Hungarian Academy of
Sciences

2008 - 2009 Research fellow
Institute of Nanochemistry and Catalysis, Department of Surface
Modification and Nanostructures, Chemical Research Centre, Hungarian
Academy of Sciences

2002 - 2007 Junior research fellow
Institute of Surface Chemistry and Catalysis, Department of Biomimetic
Catalysis, Chemical Research Centre, Hungarian Academy of Sciences

FIELDS OF INTEREST

- Phospholipids model-membrane interactions with biomolecules
- Artificial and natural antimicrobial peptides and membrane interactions

- Natural and artificial vesicles for drug delivery
- Development of manganese enzyme models as MRI contrast agents
- Spectroscopic characterization of complex nanocarriers

GRANTS, FELLOWSHIPS

2016	Ifjúsági Nemzetközi Konferencia Pályázat Conference Grant
2006 - 2012	Hungarian Research Grant OTKA K-60241
2009 november	Nanosafety Autumn School, Venice, Italy
2007 july	Summer School, EXCELL, Application of nano-components and nano-materials, Como, Italy
2002 - 2005	Young Researcher Grant, Hungarian Academy of Sciences
2004	Young researchers prize, Chemical Research Centre, Hungarian Academy of Sciences

MEMBERSHIPS

2009 -	member of the Committee of coordination chemistry, Hungarian Academy of Sciences
2008 -	member of the Committee of material science and silicate chemistry, Hungarian Academy of Sciences

TEACHING EXPERIENCE

2014	Researchers' Night in Hungary
2013 - 2019	AKI Kiváncsi Kémikus Research program, supervisor
2001 - 2002	Inorganic Chemistry laboratory course (Eötvös Loránd University, Faculty of Science)