

Dr. Csaba Hetenyi is a Qualified Chemist, and a PhD in Pharmacy. He has co-authored research articles in prestigious journals J Am Chem Soc, PNAS, EMBO Reports, Bioinformatics, and is also a co-inventor of US patents. Dr. Hetenyi has received more than 1500 citations for his research results and his works were favorably evaluated by several review articles and research papers. In 2011, Dr. Hetenyi won a Talentum Academy Award for his research achievements. His present research interest is focused on chemical biophysics, computational and medicinal chemistry, structural bioinformatics, molecular pathomechanisms of diseases. He has also contributed to publications in chromatography and capillary electrophoresis. Dr. Hetényi collaborates with researchers in Sweden, Estonia, Spain, and the USA.

### Qualifications

Doctor Habilitatus, Pharmaceutical Sciences, Medical School, University of Pécs, Hungary, 2016.

PhD, Pharmacy (summa cum laude), Faculty of Pharmacy, University of Szeged, Hungary, 2002.

MSc, Qualified Chemist (with distinction), Faculty of Science, University of Szeged, Hungary, 1999.

### Research interests

General:                    Chemical biophysics  
                                   Computational and medicinal chemistry  
                                   Structural bioinformatics, Pharmacoinformatics  
                                   Molecular pathomechanism of diseases  
                                   Chromatography and capillary electrophoresis (formerly)

Specific:                    Molecular mechanics & dynamics, docking  
                                   Calculation of macromolecular structures and ligand-target interactions  
                                   Thermodynamics of molecular complexes  
                                   Quantitative structure-activity relationships  
                                   Computer-aided drug design  
                                   Application of quantum chemical methods

### Scientometrics

Number of refereed papers	39
Number of patents (US)	3
Total number of citations (WOS)	1441
Total number of citations (mtmt.hu)	1586
Total number of citations (Google Scholar)	1851
Total number of citations (without co-authors' cites, mtmt.hu)	1387
Hirsch-index (WOS, all databases)	18

### Professional activities

Supervisor of PhD students

Lecturer of PhD and MSc courses in protein science, structural bioinformatics of drug design, calculation of molecular interactions, and medical chemistry

Member of doctoral committees, doctoral examiner, and doctoral opponent (several times)

Member of scientific societies International Society of Computational Biology, American Chemical Society (USA), The Protein Society (USA)

Member of organizing committee of conference MedChem & CADD-2013 (Las Vegas, USA)

Referee of scientific journals J Am Chem Soc, Bioinformatics, Proteins, Protein Sci, Expert Opin Drug Discov, J Comput Chem, J Comput-Aided Mol Design, J Chem Inf Model, Bioorgan Med Chem, Mini Rev Med Chem, Plos Comp Biol, Chem Phys Lett, Food and Chemical Toxicology

### Prizes

2013 Bolyai Diploma for outstanding research work in the period of 2009-2012  
 Bolyai Curatory, Hungarian Academy of Sciences

2011 Talentum Academy Award  
 Central-European Talent Search Foundation, Hungarian Academy of Sciences, amount: 20 000 EUR

1999 Special prize for MSc Thesis  
 Hungarian Chemical Society