



**Prof. RNDr. Jiří Damborský, Dr.**

Jiri Damborsky is the Josef Loschmidt Chair Professor of Chemistry and Professor of Biochemistry at the Faculty of Science at Masaryk University in Brno, Czech Republic and a group leader at the International Centre for Clinical Research. Research of his group focuses on protein engineering. His group develops new concepts and software tools for protein engineering (CAVER, CAVERDOCK, HOTSPOT WIZARD, PREDICTSNP, FIREPROT, CALFITTER), and uses them for the computational design of enzymes. He has published >200 original articles, 18 book chapters and filed 7 international patents. He is a co-founder of the first biotechnology spin-off from Masaryk University Enantis Ltd. Among the awards and distinctions, he has received the award EMBO/HHMI Scientist of the European Molecular Biology Organisation and the Howard Hughes Medical Institute.

The group studies molecular mechanisms of Alzheimer's and develops new thrombolytic drugs for treatment of acute stroke.

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He is involved in teaching the courses Bioinformatics, Life Sciences Seminars, Summer School of Protein Engineering and Hands-on Workshop on Computational Enzyme Design. He is the member of doctoral board in the field of Environmental Chemistry and Microbiology.