

Zsolt Zsoldos is the President and Chief Scientific Officer of SimBioSys, Inc. He has been actively doing research in the field of computer methods applied to structure-based drug discovery in the past 20 years. Prior to founding SimBioSys, Inc. in 1996, he was a doctoral student, and later a post-doctoral fellow at the University of Leeds, UK, School of Chemistry, where he worked under the supervision of Professor Peter Johnson. His main research focus was developing the SPROUT de-novo design tool.



He was one of the main contributors to the program, that received numerous awards and recognitions of the community for the pioneering work in fragment based drug design. Building on those early experiences, today Dr. Zsoldos devotes his efforts to developing a new and truly unique approach to docking and scoring in eHiTS, along with tackling a few other very challenging problems of chemistry like retrosynthetic analysis with the Route Designer tool. Another passion of Dr. Zsoldos is high performance computing, he pioneered porting of eHiTS to IBM's Cell B/E platform, that is the integral part of Sony's PlayStation3, making high performance computing available on inexpensive gaming platforms a reality for the computational savvy docking and screening applications. These efforts of Dr. Zsoldos did not go unnoticed in the computational chemistry world, his eHiTS Lightning docking and virtual screening applications on the PS3 was a finalist at the Bio IT World's Best of Show Award in Boston, Apr 2008.