

Curriculum Vitae

Dr. Weiliang Zhu

Professor and Director, Drug Discovery and Design Centre
Shanghai Institute of Materia Medica, Chinese Academy of Sciences

Address: 555 Zuchongzhi Road, Pudong, Shanghai 201203, China

E-mail: wlzhu@simm.ac.cn,

WWW: <http://www.simm.cas.cn/jgsz/yjjg/jspt/ywfxsysjzx/>



Work Experience:

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| 2009 - to date | Director, Drug Discovery and Design Centre, Shanghai Institute of Materia Medica, Chinese Academy of Sciences, China |
| 2004 - to date | Professor and Principal Investigator, Drug Discovery and Design Centre, Shanghai Institute of Materia Medica, Chinese Academy of Sciences, China |
| 1998 - 2004 | Visiting Lecturer/Lecturer and research scientist, Technology Centre for Life Sciences and School of Chemical and Life Sciences, Singapore Polytechnic, Singapore |
| 1983 - 1995 | Lecturer, Yangzhou University |

Education:

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| 1995 - 1998 | Ph.D., Shanghai Institute of Materia Medica, Chinese Academy of Sciences, China |
| 1986 - 1988 | M. Sci., Suzhou University, China |
| 1979 - 1983 | B. Sci., Yangzhou University, China |

Research Interests:

Molecular Modeling and Drug Design, Computational Chemistry and Biology, Artificial Intelligence, Medicinal Chemistry and Phytochemistry.

Ongoing projects

- Method and software development for computer aided drug design (CADD/AIDD);
- Discovering and developing novel ligands for various diseases (cancer, diabetes 2, virus, asthma, ...);
- New drug development based on existing drugs and active components from herb medicine;
- High performance computing for molecular modelling and drug design.

Publications

- Published 300+ papers in the research areas of molecular modeling and drug design, computational chemistry and biology, cheminformatics and artificial intelligence, medicinal chemistry and phytochemistry.
- Submitted 80+ patent applications.
- Presented more than 50+ talks in academic conferences.