


Curriculum Vitae

Personal Information	Name	Jianjun Tan	Gender	man	
	Academic Title	Professor			
	College	Faculty of Environment and Life, Beijing University of Technology			
	Discipline	Life Science			
	Email	tanjianjun@bjut.edu.cn			
	Mail Add.	Faculty of Environment and Life, Beijing University of Technology, Beijing 100124, China			
Educational Background	Graduate School (Sep. 2001-Jun. 2007): College of Life Science & Bioengineering, Beijing University of Technology, Ph.D. Graduate School (Sep. 1988-Mar. 1991): College of Environmental & Energy Engineering, Beijing University of Technology. College (Sep. 1984-Jul. 1988): NanJing University of Science & Technology,				
Working Experience	Professor of Bioinformatics, Beijing University of Technology – June. 2017 to Present Associate Professor of Bioinformatics, Beijing University of Technology – Dec. 2005 -June. 2017 Lecturer of Bioinformatics, Beijing University of Technology – Apr.1994-Dec 2005 Assistant of Chemistry, Beijing University of Technology -Mar. 1991-Apr. 1994				
Research Interests	Computational biology; interaction protein-protein, protein-ligand				
Major Publications*	<p>[1] Men, J. R.; Tan, J. J*; Sun, H. L. The Identification and Analysis of a miRNA Risk Score Model for Hepatocellular Carcinoma Prognosis. <i>Prog. Biochem. Biophys.</i> 2020, <i>47</i> (4), 344-360.</p> <p>[2] Cheng, S. P.; Zhang, L.; Tan, J. J*; Gong, W. K.; Li, C. H.; Zhang, X. Y. DM-RPIs: Predicting ncRNA-protein interactions using stacked ensembling strategy. <i>Comput. Biol. Chem.</i> 2019, <i>83</i>.</p> <p>[3] Zhang, L.; Tan, J. J*; Han, D.; Zhu, H. From machine learning to deep learning: progress in machine intelligence for rational drug discovery. <i>Drug Discov. Today</i> 2017, <i>22</i> (11), 1680-1685.</p> <p>[4] Tan, J. J*; Yuan, H.; Li, C.; Zhang, X.; Wang, C. Insights into the Functions of M-T Hook Structure in HIV Fusion Inhibitor Using Molecular Modeling. <i>Comput. Biol. Chem.</i> 2016, <i>61</i>, 202-9.</p> <p>[5] Tan, J. J*; Su, M.; Zeng, Y.; Wang, C. Design, synthesis and activity evaluation of novel peptide fusion inhibitors targeting HIV-1 gp41. <i>Bioorg. Med. Chem.</i> 2016, <i>24</i> (2), 201-206.</p> <p>[6] Han, D.; Su, M.; Tan, J. J*; Li, C. H.; Zhang, X. Y.; Wang, C. X. Structure-activity relationship and binding mode studies for a series of diketo-acids as HIV integrase inhibitors by 3D-QSAR, molecular docking and molecular dynamics simulations. <i>Rsc Adv</i> 2016, <i>6</i> (33), 27594-27606.</p>				
Research Projects*	<p>[1] Presiding the 2020-2022 Project of Beijing Natural Science Foundation: "Study on the molecular mechanism of the interaction between long non coding RNA and protein by deep learning method" (No. No. 2202002)</p> <p>[2] Participating in the 2020-2023 Chinese Natural Science Foundation project: Dynamics of protein RNA interaction and functional conformational changes based on all atom and coarsening model. (No. 31971180)</p>				
Professional Membership	Editorial board members for Current Chinese Science, 2021- Editorial board members for medicinal chemistry, 2018- Editorial board members for Symbiosis Journal of Virology & Retrovirology, 2013- Editorial board members for Hans Journal of Computational Biology, 2013				
Potential Research Projects**	<p>[1] Molecular Mechanisms of Long Noncoding RNA-Protein Interactions and their Relationship with Tumors</p> <p>[2] Studying interactions between long noncoding RNAs and protein using deep learning</p>				

* Please list achievements of recent 5 years

** This CV is intended to match Chinese and Polish Scientists within SPUC member universities, and Potential Research Projects is intended to apply for Sino-Polish or EU scientific cooperation projects.