






زمینه های تحقیقاتی اساتید گروه بیوانفورماتیک

زمینه های مورد علاقه و تحقیق	ظرفیت	نام اساتید
<p>Computational systems biology                      Cancer systems biology                      Network biology and Omic's interaction networks                      Brain &amp; biological networks analysis                      Cancer and other disease biomarker discovery                      Personalized medicine                      Drug repositioning &amp; Drug-target networks analysis                      Biomarker discovery                      Big Data and data integration in systems biology                      Bioinformatics and algorithm development                      Genome scale analysis of none-coding RNA</p>	۲ نفر	 <p>دکتر علی مسعودی نژاد (دانشیار)</p>
<p>Biomolecular Modeling and Simulation                      Structural Bioinformatics                      Modeling of Metabolic Networks</p>	۱ نفر	 <p>دکتر محمد حسین کریمی جعفری (استادیار)</p>
<p>Bioinformatics &amp; Computational Biology                      Complex Biological Systems and Networks                      Metagenome &amp; Metatranscriptome Analysis                      Machine Learning &amp; Pattern Recognition (application in biology)                      Uncertainty and Its mathematical basis (application in biology)                      Data/Information Fusion (application in biology)                      Distributed Systems (application in biology)</p>	۱ نفر	 <p>دکتر کاوه کاوسی (استادیار)</p>
<p>Computational Drug Design                      Drug-Target and Drug-Diseases Networks                      Machine Learning Methods in Drug Discovery                      Systems Pharmacology                      Bioinformatics and Computational Biology                      Chemoinformatics and Chemogenomics</p>	۱ نفر	 <p>دکتر سجاد قرقانی (استادیار)</p>
<p>Computational biology and biostatistics                      Computational cancer biology                      Identifying novel cancer genes                      Probabilistic graphical models; Bayesian networks                      Statistical learning in bioinformatics                      Phylogenetic and phylodynamics analysis                      More info at: <a href="http://lcbb.ut.ac.ir/">http://lcbb.ut.ac.ir/</a></p>	۱ نفر	 <p>دکتر حسام منتظری (استادیار)</p>