






زمینه های تحقیقاتی اساتید گروه بیوانفورماتیک

نام اساتید	ظرفیت	زمینه های مورد علاقه و تحقیق
 دکتر علی مسعودی نژاد (استاد)	۱ نفر	Computational systems biology Cancer systems biology Network biology and Omic's interaction networks Brain & biological networks analysis Cancer and other disease biomarker discovery Personalized medicine Drug repositioning & 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
 دکتر محمد حسین کریمی جعفری (دانشیار)	—	Biomolecular Modeling and Simulation Structural Bioinformatics Modeling of Metabolic Networks
 دکتر کاوه کاوسی (دانشیار)	۱ نفر	Bioinformatics & Computational Biology Complex Biological Systems and Networks Metagenome & Metatranscriptome Analysis Machine Learning & Pattern Recognition (application in biology) Uncertainty and Its mathematical basis (application in biology) Data/Information Fusion (application in biology) Distributed Systems (application in biology)
 دکتر سجاد قرقانی (استادیار)	—	Computational Drug Design Drug-Target and Drug-Diseases Networks Machine Learning Methods in Drug Discovery Systems Pharmacology Bioinformatics and Computational Biology Chemoinformatics and Chemogenomics
 دکتر حسام منتظری (استادیار)	۱ نفر	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: http://lcb.ut.ac.ir/

Bioinformatics and Computational Biology
Machine Learning (application in biology)
Network Biology
Integrative inference of transcriptional regulatory networks

۱ نفر



دکتر علیرضا فتوحی (استادیار)