**زمینه های تحقیقاتی اساتید گروه بیوانفورماتیک**

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| **نام اساتید** | **ظرفیت**  | **زمینه های مورد علاقه و تحقیق** |
| **دکتر علی مسعودی نژاد) دانشیار(** |  ۱ نفر | Computational systems biologyCancer systems biologyNetwork biology and Omic’s interaction networksBrain & biological networks analysisCancer and other disease biomarker discoveryPersonalized medicineDrug repositioning & Drug-target networks analysisBiomarker discoveryBig Data and data integration in systems biologyBioinformatics and algorithm developmentGenome scale analysis of none-coding RNA |
| **دکتر محمد حسین کریمی جعفری )استادیار(** | ۱ نفر  | Biomolecular Modeling and SimulationStructural BioinformaticsModeling of Metabolic Networks |
| **دکتر کاوه کاوسی) استادیار(** | ۱ نفر  | Bioinformatics & Computational BiologyComplex Biological Systems and NetworksMetagenome & Metatranscriptome AnalysisMachine 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(** | ۲ نفر |  Computational Drug Design Drug-Target and Drug-Diseases Networks Machine Learning Methods in Drug Discovery Systems Pharmacology Bioinformatics and Computational Biology Chemoinformatics and Chemogenomics |
| **aks****دکتر حسام منتظری) استادیار(** | ۱ نفر  | Computational biology and biostatisticsComputational cancer biologyIdentifying novel cancer genesProbabilistic graphical models; Bayesian networksStatistical learning in bioinformaticsPhylogenetic and phylodynamics analysisMore info at: <http://lcbb.ut.ac.ir/> |