**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 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 )استادیار(** | ۱ نفر | Biomolecular Modeling and Simulation  Structural Bioinformatics  Modeling of Metabolic Networks |
| **دکتر کاوه کاوسی) استادیار(** | 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(** | 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 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://lcbb.ut.ac.ir/> |