
SHIVA KAZEMPOUR DEHKORDI

Curriculum Vitae (Oct 2019)

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Education:

- **University of Texas Health Science Centre at San Antonio**
Visiting scientist at [Oncinfo lab](#), Sep 2019- Present
Supervisor: Dr. Habil Zare
- **Tarbiat Modares University**
Master of Biostatistics, 2017- June 2019
Thesis title:” Differential Gene Expression Analysis using RNA sequence count data”, under supervision of Dr. Aliakbar Rasekhi.
GPA(overall): 18.9/20 (in WES format: 4/4)
- **University of Tehran**
Bachelor of Statistics, 2012-2017
Thesis title:” Analysing and predicting the price of pound after Brexit”, under supervision of Dr. Soudabeh Shemehsavar.
GPA (2015-2017): 76%, GPA(overall): 67%
- **Nokhbegan allameh tabatabaei high school**
High school diploma in Mathematics and Physics, 2008-2012
GPA: 18.75/20

Research interests:

- Statistical Genetics
- Computational Biology
- Systems Biology

Achievements:

- Certificate of attendance in 15th IEEE International Symposium on Intelligent Systems and Informatics(SISY) for **oral presentation**, September 2017.
- Certificate of admission to Tarbiat Modares University for a **Master programme in Biostatistics**, July 2017 (Ranked 20 among 1000 participant in National Universities Entrance Exam)

Publications:

Papers:

- **Shiva Kazempour Dehkordi**, Aliakbar Rasekhi. “*Analysis of mesoderm progenitor cells using a dimension reduced statistical model based on single cell RNA-Seq*” (ready to submit).
- Shayan Mostafaei, Hamid Abdollahi, **Shiva Kazempour Dehkordi**, Isaac Shiri, Abolfazl Razzaghdoost, Bahram Mofid, Afshin Saadipoor, Mohsen Bakhshandeh, Seied Rabi Mahdavi. “*CT imaging markers to improve radiation toxicity prediction in prostate cancer radiotherapy by stacking regression algorithm*”, *La radiologia medica*, Springer Milan, 2019.
- **Shiva Kazempour Dehkordi**, Hedieh Sajedi. “*Prediction of disease based on prescription using data mining methods*” *Health and Technology*, Springer Berlin Heidelberg, 2019.

Conference paper:

- **Shiva Kazempour Dehkordi**, Hedieh Sajedi. “*A prescription-based Automatic Medical Diagnosis System Using a Stacking Method*” *IEEE International Symposium on Intelligent Systems and Informatics (SISY)*, pages 000187 – 000192, 2017.

Computer Skills:

- **R (Advanced)**: Technical experience in analysing omics data including single-cell RNA-Seq, NanoString nCounter, snRNA-seq and DNA methylation analysis, statistical analysis
- Proficiency in working with **Linux** and **Mac OS**.
- Familiar: Python, Java, LaTeX.

Language Skills:

- **Persian**: Native
- **English**: Fluent
 - IELTS band 7 (Feb. 2018)
 - GRE combined score: 302 / Quantitative: 156, Verbal: 146, writing: 3 (Jan 2019)
 - & GRE combined score: 299 / Quantitative: 161, Verbal: 138, Writing: 3.5 (Jan 2018)
 - First Certificate in English (FCE) grade B, level B2 (January. 2015)
- **French**: A1

References:

- Habil Zare, PhD, Assistant professor, Department of Cell Systems and Anatomy, University of Texas Health science centre at San Antonio, San Antonio, US. (zare@uthscsa.edu)
- Aliakbar Rasekhi, PhD - Assistant professor, School of Medical Sciences, Tarbiat Modares University, Tehran, Iran (rasekhi@modares.ac.ir)
- Anoushirvan Kazemnejad, PhD – Professor, School of Medical Sciences, Tarbiat Modares University, Tehran, Iran (kazem_an@modares.ac.ir)