



The Bioinformatics and Computational Biology (BCBU) team led by Dr. Adi L. Tarca, Associate Professor, Department of Obstetrics and Gynecology, and Adjunct Associate Professor, Department of Computer Science, Wayne State University, was recognized as a top performer in the *DREAM Single Cell Transcriptomics Challenge* (<http://dreamchallenges.org/>). The team also included *Gaurav Bhatti*, MSc., PhD candidate in the Biomedical Engineering Department of WSU School of Engineering, and Dr. *Roberto Romero*, Chief, Perinatology Research Branch (NICHD/NIH).

This *Dialogue on Reverse-Engineering Assessment and Methods* (DREAM) challenge was co-organized by IBM Research, Heidelberg University, Max Delbrück Institute and Sage Bionetworks, with the goal of determining the best machine learning approaches to locate single cells in the drosophila embryo based on their high-dimensional gene expression profiles measured by RNA-sequencing. There were 385 international participants in this challenge grouped into 37 teams.

The approach of the BCBU team was presented at the RECOMB/ISCB Conference on Regulatory & Systems Genomics with DREAM Challenges, in New York on Dec 8th, and the BCBU team was invited to co-author the article describing the lessons learned from this challenge, that may have implications in future single cell genomics studies.

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Bioinformatics and Computational Biology (BCBU) Team Members



Adi Laurentiu TARCA, Ph.D.
Associate Professor
Department of Obstetrics and Gynecology
Wayne State University
School of Medicine.
Adjunct Associate Professor
Department of Computer Science
Wayne State University
College of Engineering



Gaurav Bhatti
Research Assistant
Perinatology Research Branch
Wayne State University
School of Medicine



Roberto Romero, MD, DMed, Sci
Chief, Perinatology Research Branch
Program Director
Perinatal Research and Obstetrics
Intramural Division, NICHD, NIH, DHHS
Professor, University of Michigan
Professor, Michigan State University
Professor, Wayne State University
Hutzel Women's Hospital