Microarray Data Analysis

The University of Toledo
BRIM Program in Bioinformatics & Proteomics/Genomics
BIPG5500/7500 Microarray Analysis, Section 001, CRN #32932

Instructor: Sadik Khuder, PhD

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Office Hours: Thursdays 3-4pm

Office Location: 0012 RHC

Instructor Phone: 419-383-4089 / 419-897-9258 office

Offered: Summer

Course Website: Blackboard Learn

Class Location: Online

Class Day/Time: Tuesdays/11-12 AM

Lab Location: 127 HEB

Lab Day/Time: TBA

Credit Hours: 1 cr

Academic Accommodations

The University of Toledo embraces the inclusion of students with disabilities. We are committed to ensuring equal opportunity and seamless access for full participation in all courses. For students who have an accommodations memo from Student Disability Services, I invite you to correspond with me as soon as possible so that we can communicate confidentially about implementing accommodations in this course. For students who have not established affiliation with Student Disability Services and are experiencing disability access barriers or are interested in a referral to healthcare resources for a potential disability or would like information regarding eligibility for academic accommodations, please contact the Student Disability Services Office (http://www.utoledo.edu/offices/student-disability-services/) by calling 419.530.4981 or sending an email to StudentDisability@utoledo.edu.

ACADEMIC AND SUPPORT SERVICES

Please follow this link to view a comprehensive list of Student Academic and Support Services (http://www.utoledo.edu/studentaffairs/departments.html) available to you as a student.

SAFETY AND HEALTH SERVICES FOR UT STUDENTS

Please use the following link to view a comprehensive list Campus Health and Safety Services available to you as a student.

COURSE SCHEDULE

NOTE: Lectures will be available online via the Blackboard course site. The following is for lab sessions only.
before **the lab session for that week.**

DATES	Lecture Title	ASSIGNMENTS /Quiz
5/18	Overview of Microarray technologies	A1*
5/25	Downloading data from GEO & other data repositories	Q1 **
6/01	Combining DEGs data	A2
6/08	Combining protein microarray data	A3
6/15	Combining methylation data	A4
6/22	Pathway Analysis & Regulatory network	Q2