WORKSHOP: Bulk RNA-seq analysis with R
Wednesday, October 29, 2025
10 am - 4 pm
OGPS Meeting Space – 2955

Welcome to the Bulk RNA-seq analysis with R Workshop! This is the first workshop of its kind supported by the Rogel and Blondy Center for Pancreatic Cancer. We will go over the fundamentals of processing, analyzing, and (hopefully) understanding bulk RNA-seq data.

Since this is a workshop, we will be working largely hands on with a dataset that you will download once we begin. There will be a slide deck to cover certain aspects. I will be sending out a finalized agenda on Monday with links to the slides and related materials.

Below, I've included some important things that you may need before the workshop. If you have any questions prior, during, or following the workshop, please email me at adendekk@umich.edu. See you Wednesday!

What to bring:
Just a laptop with ≥10 GB free space and R and RStudio installed.
- For what we are doing in class, you don't need anything fancy. 8 GB of RAM and a 1.6-3 GHz processor is sufficient.

Important! **Please have R and RStudio installed on your computer before the workshop. We will have a little time to go over R and RStudio basics, but these should be ready to use before we start. Below is a link to the Posit website to download RStudio. Scroll down to find a link to download base R and, also, to select your OS and download RStudio. You will need to download and install both.**

https://posit.co/download/rstudio-desktop/

Where to go:
The OGPS 2955 conference room is in the OGPS lounge space which is in the basement of the Taubman Health Science Library. I think everyone knows where this is but there are directions below.

> **If you are coming from outside:**
> Enter the Taubman Health Science library through the main entrance. Find the elevators near the back of the atrium and proceed down to level 2. Out of the elevator take a right and go through the glass doors into the OGPS space. Room 2955 is off to the right and behind the lounge area.

> **If you are coming from the Rogel Cancer Center:**
> On floor 2, go through Med Sci I to Med Sci II. In MSII, go left down the main corridor towards the exit. Just before the exit, turn right and go through doorway into the Taubman Health Science Library where you will find the elevators and a stairwell to the left. Take either the elevator or stairs down one floor to Floor 2. In the corridor, go through the glass doors to the right into the OGPS space. Room 2955 is off to the right and behind the lounge area.