Single-Cell RNA-seq Analysis 2025

Faculty: Tallulah Andrews, Gary Bader, Trevor Pugh

July 10-11, 2025

Contents

Ι	Introduction	5
1	Workshop Info	7
	1.1 Schedule	7
	1.2 Pre-work	7
2	Meet Your Faculty	9
3	Data and Compute Setup	11
II	Modules	13
4	Module 1	15
	4.1 Lecture	15
	4.2 Lab	15
5	Module 2	17
	5.1 Lecture	17
	5.2 Lab	17
6	Module 3	19
	6.1 Lecture	19
	6.2 Lab	19

4	1	CONTENTS

7	Mo	dule 4	21
	7.1	Lecture	21
	7.2	Lab	21

Part I Introduction

Workshop Info

Coming soon!

- 1.1 Schedule
- 1.2 Pre-work

Meet Your Faculty

Data and Compute Setup

3.0.0.1 Course data downloads

Coming soon!

3.0.0.2 Compute setup

Coming soon!

Part II

- 4.1 Lecture
- 4.2 Lab

- 5.1 Lecture
- 5.2 Lab

- 6.1 Lecture
- 6.2 Lab

- 7.1 Lecture
- 7.2 Lab