

**TIGP Bioinformatics Program pp
Student Presentation
Fall 2026 Syllabus & Guidelines**

Latest syllabus: <https://tigpbio.programs.sinica.edu.tw/>

Place: Room 308, Institute of Statistical Science, Academia Sinica

Time: Thursday, 15:30-17:00

Chair: Dr. Hung-Hsin Chen (hunghsinchen@ibms.sinica.edu.tw)

*Effective from the 2014 Fall semester, all TIGP-BP students are required to present once a semester in student presentation.

*First Year Students: the paper should be assigned by your lab advisor.

*The following schedule is confirmed and will not be changed. Please contact Dr. Hung-Hsin Chen and the BP office if you do have difficulty with the assigned date.

*The presenter shall introduce the host and attended professors at the beginning of each seminar.

Week	Date	Topic	Student	Evaluator *Student's thesis advisor/lab advisor.
1	2026/9/10	SMURF: soft-segmentation for single-cell reconstruction and topological analysis of spatial transcriptomic data	Ching-Ya Lin	Dr. Hsuan-Cheng Huang
2	2026/9/17		Daniel Nelson	Dr. Shu-Jui Hsu
3	2026/9/24		Ya-Chu Hsu	Dr. Hsiao-Chun Huang
4	2026/10/1		Michael Angelou Lar Nada	
5	2026/10/8		Vu Quy Phan	
6	2026/10/15		Ting-Yu Rao	
7	2026/10/22	Review Week (no class)	--	--
8	2026/10/29	Midterm Exam Week (no class)	--	--
9	2026/11/5		Thi Huong Giang Pham	Dr. Chun-Ying Wu

10	2026/11/12			
11	2026/11/19		Kalsoom Khan	
12	2026/11/26		Rashini Pramodi De Silva Migalahandi	
13	2026/12/3		Saptashwa Datta	Dr. Lee-Wei Yang
14	2026/12/10			
15	2026/12/17	Review Week (no class)	--	--
16	2026/12/24	Final Exam Week (no class)	--	--

< Seminar presentation guidelines on the following pages >

Seminar presentation guidelines for Ph.D. program students:

2026-07-24

This research seminar course is intended to provide students planning a research career in Bioinformatics with the opportunity to develop the skill of critically reading and evaluating research papers. The course consists of a weekly timetabled session in which students will read, present and discuss research papers published on high impact journals. A fixed threshold of impact factors is not imposed. Use your common sense instead.

Guidelines:

1. **Research article:** Each week, students will choose RESEARCH papers to be presented.

- a. The paper (+ supplements) pdf file should be emailed to (1) your thesis advisor/lab advisor, (2) Dr. Hung-Hsin Chen (hunghsinchen@ibms.sinica.edu.tw) (course chair) (3) tigpbio@gate.sinica.edu.tw (TIGP-Bioinformatics Program office), (4) all students in student presentation class, and also (5) other participating professors **at least one week before** your seminar presentation takes place. Any delay will result in 10 points deducted from your final grade. Please also send the slides to everyone **2 days before** the report. Because some modifications may be made right before the report, it is okay if the slides are not the final version.
1. **Article selection:** You are required to select a recent RESEARCH article that was published **after September 2020**. (Review articles are NOT acceptable.)
2. **Presentations:** Everyone in the class will present one paper. You should plan to talk for around 40 minutes. Starting from this you should initiate a discussion of the paper (so it is a good idea to conclude your slide presentation with a selection of points to consider and discuss). We should plan to have time for a lively discussion of each paper; your job in giving a presentation is to initiate this discussion. Make sure to
 - a. Draw **valid** conclusions from results of your presented paper.
 - b. **Summarize evidence for each conclusion**. (How does the paper support its conclusions?)
 - c. **Compare the results with other similar experiments published previously, if appropriate.**
 - Please refrain from presenting an article written by your supervisor or your friends/classmates. You need to increase the exposure to the breadth and depth of bioinformatics research.
 - Students are encouraged to prepare a few questions for group discussion at the end of the presentation. Students are not expected to simply sit in the class.
 - Please make a rehearsed presentation if you don't know how long your presentation is going to last. An over-length presentation doesn't translate to a good one.
3. **Language of presentation:** You are required to present your research article **in English**.

Evaluation Criteria:

You will be evaluated by the following criteria:

1. Your attendance (10%).
2. Your seminar presentation (90%).