

## SCBE 316 Microtechniques in Biology

**January-May 2023**

**Lecture**      **Tuesday: 13:30-15:20 (Room TBA)**

**Laboratory**    **Wednesday: 09:30-12:20 (Lab N503,504)**

| Date  |    | Lecture Topic                  | Lecturers    |
|-------|----|--------------------------------|--------------|
| Jan   | 10 | Introduction, Fixation         | Wachareeporn |
|       | 17 | Dehydration, Clearing          | Wachareeporn |
|       | 24 | Infiltration, Embedment        | Wachareeporn |
|       | 31 | Microtome, Sectioning          | Wachareeporn |
| Feb   | 7  | Staining                       | Wachareeporn |
|       | 14 | Mounting, Clearing             | Wachareeporn |
|       | 21 | Histochemistry Whole mount     | Wachareeporn |
|       | 28 | <b>Midterm Exam</b>            | Wachareeporn |
| March | 14 | Histochemistry I               | Wachareeporn |
|       | 21 | Histochemistry II              | Wachareeporn |
|       | 28 | Immunohistochemistry I         | Supeecha     |
| April | 4  | Immunohistochemistry II        | Supeecha     |
|       | 11 | Microscopel                    | Puey         |
|       | 18 | Microscopell                   | Puey         |
|       | 25 | Wrap up and discussion session | Wachareeporn |
| May   | 2  | <b>Final Exam</b>              | Wachareeporn |