

**Discovery Research Platform**

**For Hidden Cell Biology**

Light Microscopy Core - Microscopy Course

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Lecture** | **Time** | **Room** |  |  | |
| Monday - Oct 27th | Image Formation | 9.00 -10.30 | G.02 Roger Land |  | |  |
|  | **BREAK** | **10.30 - 10.45** |  |  | |  |
|  | Contrasting Methods | 10.45 - 12.00 | G.02 Roger Land |  | |  |
|  | **Lunch** | **12.00 -13.00** |  |  |  |  |
|  | Brightfield Practical’s | 13.00 - 1500 | March Building |  |  |  |
|  |  |  |  |  |  |  |
| Tuesday - Oct 28th | Fluorescence | 9.00 - 10.00 | SWANN 7.15 |  |  |  |
|  | Fluorescence Microscopy | 10.00 - 11.00 | SWANN 7.15 |  |  |  |
|  | **BREAK** | **11.00 - 11.15** |  |  |  |  |
|  | Live Cell Microscopy | 11.15 - 12.15 | SWANN 7.15 |  |  |  |
|  | **Lunch** | **12.15 -13.15** |  |  |  |  |
|  | Confocal Microscopy | 13.15 - 14.15 | SWANN 7.15 |  |  |  |
|  | Fluorescence Practical’s | 14.30 - 17.00 | March Building |  |  |  |
|  |  |  |  |  |  |  |
| Wednesday - Oct 29th | TIRF fluorescence microscopy | 9.00 - 10.00 | Swann 7.21 |  |  | |
|  | Super Resolution Microscopy | 10.00 - 11.00 | Swann 7.21 |  |  | |
|  | **BREAK** | **11.00 - 11.15** |  |  |  |  |
|  | Optical Tweezers | 11.15 - 12.15 | Swann 7.21 |  |  |  |
|  | **Lunch** | **12.15 -13.00** |  |  |  |  |
|  | Scope Practical’s | 13.00 - 16.00 | March Building |  |  |  |
|  |  |  |  |  |  |  |
| Thursday - Oct 30th | Correlative Light and Electron Microscopy | 9.00 - 10.00 | G.02 Roger Land |  |  | |
|  | FRAP / Photoactivation | 10.00 - 11.00 | G.02 Roger Land |  |  | |
|  | **BREAK** | **11.00 - 11.15** |  |  |  |  |
|  | Expansion Microscopy | 11.15 - 12.15 | G.02 Roger Land |  |  | |
|  |  |  |  |  |  |  |