

WEEK 1 – Concepts, Study, and Tutorials

4 Feb (Mon)	5 Feb (Tues)	6 Feb (Wed)	7 Feb (Thur)	8 Feb (Fri)
<p><i>Presentation of the curricular unit, objectives and evaluation</i> C. Miguel & R. Sá-Leão (9:30-10:30)</p> <p>Break (10:30-11:00)</p> <p><i>Basic organization of the eukaryotic cell</i> Júlia Costa (11:00-12:30)</p> <p>Lunch (12:30-14:00)</p>	<p><i>Imaging with microscopy - recent methods to increase resolution</i> Rui Malhó, FCUL (9:30-11:00)</p> <p>Break (11:00-11:30)</p> <p><i>Microarrays and deep sequencing</i> Jörg Becker, IGC (11:30-13:00)</p> <p>Lunch (13:00-14:00)</p>	<p><i>Bacterial transcription initiation</i> Adriano Henriques (9:30-11:50)</p> <p>Break (11:50-12:00)</p> <p>SCAN (12:00-13:00)</p> <p>Lunch (13:00-14:30)</p>	<p><i>Chromatin and epigenetics</i> Rita Abranches (9:20-10:50)</p> <p>Break (11:50-12:00)</p> <p>António V. Xavier seminar series (11:00-12:00)</p> <p>Lunch (12:00-14:00)</p>	<p><i>Signalling in bacterial communities</i> Karina Xavier (9:30-11:00)</p> <p>Tutorials and study period</p>
<p><i>Light microscopy in Cell Biology</i> Gabriel Martins, FCUL (14:00-15:30)</p> <p>Break (15:30-15:40)</p> <p><i>3D live cell imaging</i> Gabriel Martins, FCUL (15:40-17:00)</p>	<p><i>Bacterial cell division</i> Mariana Pinho (14:00-15:30)</p> <p>Tutorials and study period</p>	<p><i>Control of gene expression: the central role of RNA</i> Cecília Arraiano (14:00-15:30)</p> <p>Tutorials and study period</p>	<p><i>Metabolic networks and integration of metabolism</i> Margarida Santos (14:00-15:30)</p> <p>Tutorials and study period</p>	<p>Tutorials and study period</p>

WEEK 2 – Concepts, Study, and Tutorials

11 Feb (Mon)	12 Feb (Tue)	13 Feb (Wed)	14 Feb (Thu)	15 Feb (Fri)
<p><i>Yeast as a model system</i> Claudina Pousada (9:30-12:00)</p> <p>Lunch (12:00-14.00)</p>	<p>Tutorials and study period</p>	<p><i>The role of telomeres in cancer and ageing</i> Miguel Godinho, IGC (10:00-11:50)</p> <p>SCAN (12:00-13:00)</p> <p>Lunch (13:00-14.00)</p>	<p>Tutorials and study period</p>	<p>Tutorials and study period</p>
<p><i>What makes plants so special? A molecular perspective</i> Margarida Oliveira (14:00-15:30)</p> <p>Break (15:30-16:00)</p> <p><i>Developmental Biology in animal models</i> Pedro Domingos (16:00-17:30)</p>	<p>Tutorials and study period</p>	<p><i>Host-bacteria interactions</i> Jaime Mota (14:00-15:30)</p>	<p>Tutorials and study period</p>	<p>Tutorials and study period</p>

WEEK 3 – Study, Tutorials, and Project Presentations

18 Feb (Mon)	19 Feb (Tue)	20 Feb (Wed)	21 Feb (Thu)	22 Feb (Fri)
Tutorials and study period	Tutorials and study period	Deadline to submit projects (until 9 am) Tutorials and study period	Project presentation - Oral evaluation (9:30-12:30) Lunch (12:30-14:00)	Project presentation - Oral evaluation (9:30-12:30) Lunch (12:30-14:00)
Tutorials and study period	Tutorials and study period	Tutorials and study period	Project presentation - Oral evaluation (14:00-17:00)	Project presentation - Oral evaluation (14:00-15:30) Break (15:30-16:00) <i>Discussion about of the curricular unit, objectives and evaluation procedures</i> C. Miguel & R.Sá-Leão (16:00-17:30)