MSc in Molecular Medicine

MED6071: Gene Networks: Models & Functions

March 22-26

Fri 26 March

10:00 - 12:00 RNA-seq: Session 1 *Mark Dunning*

The RNA-seq blended learning course. An introductory 2 hour session to get you started on the materials and point out where all the resources are. We then give you two weeks to walk through the practicals at your own speed. During this time, you will have access to videos and notes to guide you.
Mark will set tasks that can be attempted during the rest of the day.

March 29- April 2

Mon 29 March

(Monday morning is scheduled to be used for PS relating to MED6070.)

13:00 -16:00 there will be a session 1 on programming in R from Mark Dunning (Bioinformatics Hub)

Tue 30 March

(Tuesday morning is scheduled to be used for PS relating to MED6070.)

13:00 -16:00 Session 2 on programming in R from Mark Dunning (Bioinformatics Hub)

Wed 31 March

Between 09:30-16:00
Four sessions to introduce Mathematical Models of Cellular Systems from Alex Fletcher/Nick Monk (Maths) and transcriptional control in tissue patterning and mammalian circadian rhythms from Martin Nicklin (IICD).

Thu 1 April

(Thursday morning is scheduled to be used for PS relating to MED6070.)
1:00 - 4:00 MED 6071 R programming: Session 3 *Mark Dunning*

Fri 2 April

Public Holiday (Good Friday)

April 5 - 9

Mon 5 April

Public Holiday (Easter Monday)

Tue 6 April

(MED6070 Assessment Day)

Wed 7 April

Between 09:30-16:00
Four sessions on Mathematical Models of Cellular Systems from Alex Fletcher/Nick Monk (Maths) and transcriptional control in tissue patterning and mammalian circadian rhythms from Martin Nicklin (IICD

Thu 8 April

Between 09:30-16:00
Four sessions on Mathematical Models of Cellular Systems from Alex Fletcher/Nick Monk (Maths) and transcriptional control in tissue patterning and mammalian circadian rhythms from Martin Nicklin (IICD

Fri 9 April

Between 09:30-16:00
Four sessions on Mathematical Models of Cellular Systems from Alex Fletcher/Nick Monk (Maths) and transcriptional control in tissue patterning and mammalian circadian rhythms from Martin Nicklin (IICD).

April 12 - 16

Mon 12 April

Between 09:30-16:00
Four sessions on Mathematical Models of Cellular Systems from Alex Fletcher/Nick Monk (Maths) and transcriptional control in tissue patterning and mammalian circadian rhythms from Martin Nicklin (IICD).

Tue 13 April

Between 09:30-12:00
One session on Mathematical Models of Cellular Systems from Alex Fletcher/Nick Monk (Maths) and transcriptional control in tissue patterning and mammalian circadian rhythms from Martin Nicklin (IICD).

13:00 - 16:00 RNA-Seq: Session 2 *Mark Dunning*
We reconvene to answer any questions you might have and recap the main points. Issue of Bioinformatics part of assignment.

Wed 14 April

10:00 -12:00
There will be two sessions to draw the module to its conclusion from Martin Nicklin (IICD) and to issue and discuss the assignment for the modelling and transcriptional control components.

Thu 15 April- Wed 21 April

Assignment Preparation

Wed 21 April 16:00 Deadline for Handing in the Assignments for MED6071.