

Primers for Predocs

Venue: Training Room 1, South Building

Date: 16-18 January, 2019

Scientific organisation:

- Tom Hancocks, Training Team

Event organisation:

- Anna Alasalmi, Research Office

Participation: 1st year EMBL-EBI predocs and Sanger PhD students

Course overview

This course is aimed to provide an orientation for new predocs to EMBL-EBI. Databases, services and research groups will be introduced, along with other useful information for starting out at EBI.

Audience

Newly arrived EMBL-EBI predocs and WTSI PhD students who require an introduction to the database resources and bioinformatics services offered by the EBI.

Learning Outcomes

During this course you will learn about:

- EMBL-EBI resources and the EBI Training Team
- Overview of Ensembl REST API and UniProt database
- Short overviews on coding and programmatic work
- Important things to know as a predoc at EMBL-EBI

Programme

Time	Subject	Trainer
Day 1		
12:30-13:00	Lunch	
13:00-14:00	Predoc introductions	All
14:00-15:00	EMBL-EBI services	Tom Hancocks
15:00-15:15	Break	
15:15-16:00	Training at EMBL-EBI	Tom Hancocks
16:00	End of day	
Day 2		
09:30-10:15	Introduction to Ensembl	Emily Perry
10:15-11:00	Ensembl REST API	Emily Perry
11:00-11:15	Break	
11:15-12:00	Ensembl REST API	Emily Perry
12:30-13:00	Lunch	
13:00-14:00	UniProt database	Kate Warner
14:00-15:00	UniProt API	Andrew Nightingale
15:00-15:15	Break	
15:15-17:00	Using Bash more efficiently	Michael Hall
16:45	End of day	
Day 3		
09:30-10:30	Introduction to programmatic access & EBI Web Services	Rodrigo Lopez
10:30-10:45	Break	
10:45-12:30	Using linear models in R	José Almeida
12:30-13:00	Lunch	
EMBL-EBI predocs only		
13:00-14:00	Setting up work computers	Aleix Lafita
14:00-14:30	EMBL-EBI Staff Association	Keeva Cochrane & Waisu Akanni
14:30-15:30	Life at EBI	Conor Walker
15:30	End of day	