



UPO

UNIVERSITÀ DEL PIEMONTE ORIENTALE
DIPARTIMENTO DI SCIENZE E INNOVAZIONE TECNOLOGICA

EVENTI DiSIT

Seminario | Seminar

02-05-2024

14:30-15:30

Aula 204

Sequencing All Life for the Future of Life: the Darwin Tree of Life Project and its Contributions to Molecular Evolution and Conservation

[Prof. Marcela Uliano da Silva](#)

Wellcome Sanger Institute, Cambridge, UK & Nord University, Bodø, Norway



The Darwin Tree of Life Project (DToL) is part of a global effort under the umbrella of the Earth BioGenome Project to sequence all complex life on Earth. It is delivering at-scale genome sequences of unprecedented quality for all eukaryotes of Britain and Ireland, which holds substantial biodiversity, encompassing more than 70,000 eukaryotic species corresponding to over 40% of documented families. The genomes are 100% public for the use of all. DToL is a massive collaborative enterprise with scientists and institutions enabling sample collection, taxonomy assignment, genome sequencing and assembly. In this talk you will hear about our 'genome engine' that has already produced more than 1395 genomes, and the scientific innovations that are coming out of these genomes.

EVENTO APERTO A:

Docenti | Teachers, Borsisti | Research Fellows, Assegnisti | Postdoctoral researchers, Dottorandi | PhD students, Studenti | Students

SEMINARIO IN LINGUA: English

