Molecular approaches, methods and techniques in animal ecology

28.Jul - 30.Jul 2017

Cod. Z16-17

Mod.:
Face-to-face

Edition
2017

Activity type
Workshop

Date
28.Jul - 30.Jul 2017

Location
Miramar Palace

Languages
English

Academic Validity
30 hours

Organising Committee

Description

Molecular ecology comprises a wide diversity of genetic-based methodological and technical approaches to address ecological and evolutionary questions. This course will focus on general concepts, current techniques and key aspects for the experimental design of molecular studies applied to animal ecology using bats as model species. Particularly, the course will go into detail about population genomics, DNA metabarcoding for diet studies and shotgun metagenomics applied to gut microbiota.

Directed by

Aitor Arrizabalaga

UPV/EHU University of the Basque Country

Aitor is a postdoctoral researcher at the University of the Basque Country, UPV/EHU. His research is focused on the foraging ecology of bats using DNA metabarcoding: from individual-level trophic specialization to interspecific trophic interactions and pest control services.

Antton Alberdi

University of Copenhagen

Antton is a postdoctoral researcher at the Natural History Museum of Denmark, where he researches on bat, cervid and bird gut metagenomes from modern and ancient guano samples using full shotgun techniques.

Registration fees

REGISTRATION	UNTIL 07-06-2017
Regular Fee	250,00 EUR
EBRS attendee fee	180,00 EUR
Exceptional Fee	200,00 EUR

Place

Miramar Palace

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa