



Molecular approaches, methods and techniques in animal ecology

Uzt. 28 - Uzt. 30 2017

Kod. Z16-17

Mod.:

Aurrez aurrekoa

Edizioa

2017

Jarduera mota

Workshop

Data

Uzt. 28 - Uzt. 30 2017

Kokalekua

Miramar Jauregia

Hizkuntzak

Ingelesa

Balio akademikoa

30 ordu

Antolakuntza Batzordea

COURSE
Molecular approaches, methods and techniques in animal ecology
Miramar Palace, Donostia
28-30 July 2017

INTENSIVE COURSE | 24h
Introduction to molecular ecology (experimental design)
General techniques (library build, sequencing platforms...)
Whole genome SNP analysis (population genomics)
DNA metabarcoding (diet analysis)
Shotgun metagenomics (functional microbiome profiling)
One-by-one sessions

TARGET STUDENTS:
Undergrads, MSc and PhD students, researchers and lecturers working on animal ecology with basic knowledge on molecular techniques.

Registration open till May 31st or till reaching student limit (40)
Regular fee: 250€
EBRS attendees fee: 100€
Exceptional fee: 200€
Students without financial support: Free (please, contact the course head)

TEACHERS
Dely Reagor
University of Southampton
Arthur Eklund
University of Copenhagen
Kristine Sjolund
University of East Anglia
Aitor Antolinaketa
University of the Basque Country

Registration and further information:
www.ebbs2017.eus/molecularecologycourse

Fundación
BBVA





Gipuzkoako Foru Aldundia
Diputación Foral de Gipuzkoa

Azalpena

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.

Zuzendaritza



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.

Matrikula prezioak

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

Kokalekua

Miramar Jauregia

Mirakontxa pasealekua 48, 20007 Donostia

Gipuzkoa