

# Molecular approaches, methods and techniques in animal ecology

28.Jul - 30.Jul 2017

Cód. Z16-17

**Mod.:**

Presencial

**Edición**

2017

**Tipo de actividad**

Workshop

**Fecha**

28.Jul - 30.Jul 2017

**Ubicación**

Palacio Miramar

**Idiomas**

Inglés

**Validez académica**

30 horas

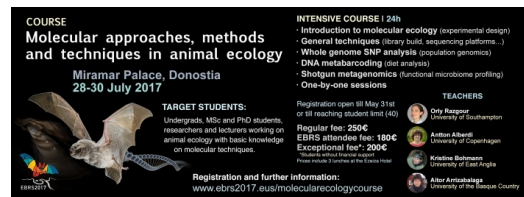
**Web**

<http://www.ebrs2017.eus/molecularecologycourse>

**DIRECCIÓN**

**Aitor Arrizabalaga**, UPV/EHU University of the Basque Country

**Antton Alberdi**, University of Copenhagen



# Comité Organizador



## **Descripción**

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.

## **Objetivos**

This course aims to provide students with the necessary theoretical and technical ground for choosing appropriate approaches and for developing correct experimental designs when conceiving molecular studies of wildlife ecology.

## Dirigido por:



### **Aitor Arrizabalaga**

UPV/EHU University of the Basque Country

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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

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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.

# Precios matrícula

<b>REGISTRATION</b>	<b>HASTA 07-06-2017</b>
Regular Fee	250,00 EUR
EBRS attendee fee	180,00 EUR
Exceptional Fee	200,00 EUR

# **Lugar**

## **Palacio Miramar**

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa