PARTICIPATING INSTITUTIONS & PARTNERS:

UNIVERSIDAD DE MURCIA

UNIVERSIDAD DE MURCIA

Secretary
Dª. María Luisa Nicolás Tomás
Phone: 868 883905 E-mail: mlnt@um.es

ACADEMIC COORDINATOR
Dr. María Jimenez Movilla
Email: mariajm@um.es

Further information:

http://www.um.es/postg-biorep/

http://www.um.es/web/veterinaria/idioma/estudios/masteres/bio-tecno-mamiferos

GOBIERNO DE ESPAÑA MINISTERIO DE EDUCACIÓN

MASTER COURSE OFFICIALY ACCREDITED
Spanish Ministry of Education

Supported by the bilingual program of Campus Mare Nostrum

CAMPUS MARE NOSTRUM

Under the auspicies of:

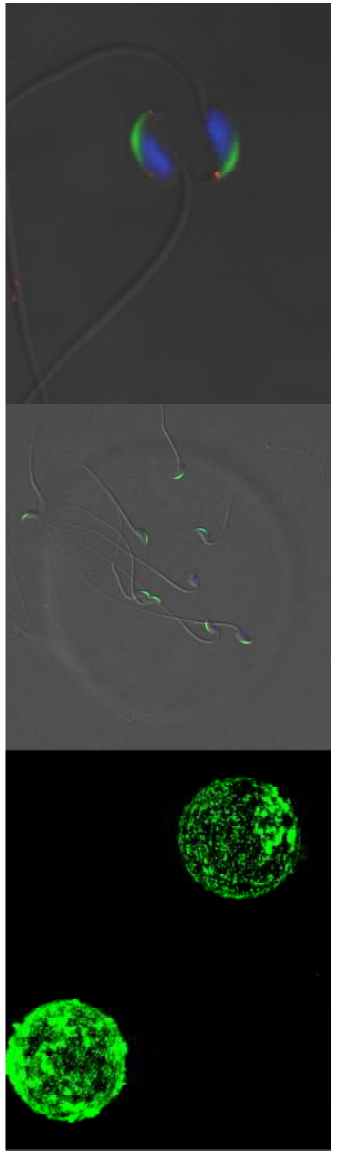
ASEBIR Asociación para el Estudio de la Biología de la Reproducción

anacer

Sociedad Española de Fertilidad

Recognized in the Ranking of best Spanish Master Courses 2017-18

EL MUNDO



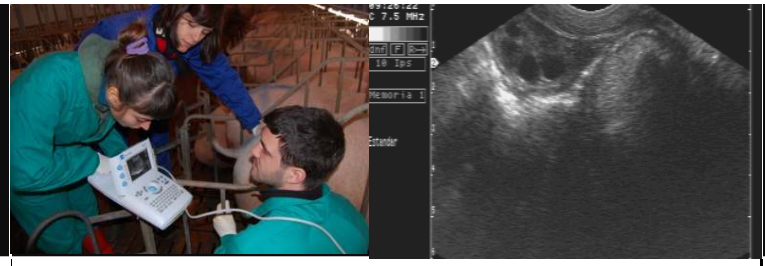
BIOLOGÍA Y TECNOLOGÍA DE LA REPRODUCCIÓN

MSc in BIOLOGY & TECHNOLOGY REPRODUCTION IN MAMMAL

15th edition 2018-2019

OBJECTIVE:

The Master goal is delivering specialists in Biology & Technology of Reproduction with a scientific or professional (human or veterinary) profile.



INFORMATION & REGISTRATION

Secretary of Veterinary Faculty of Murcia- SPAIN-
Mrs. María Luisa Nicolás Tomás.
Phone: 34 868 883905
E-mail: mlnt@um.es

https://preinscripcionmaster.um.es/preposgrado/Preposgradoweb.seam

MASTER CONTENTS

A total of 60 ECTS:

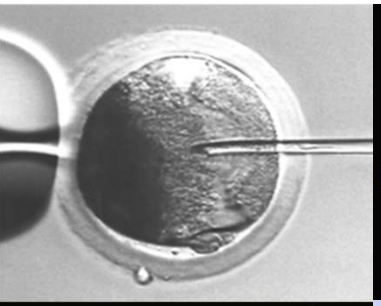
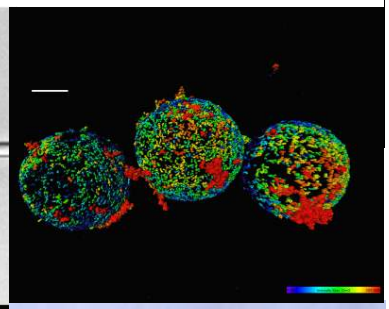
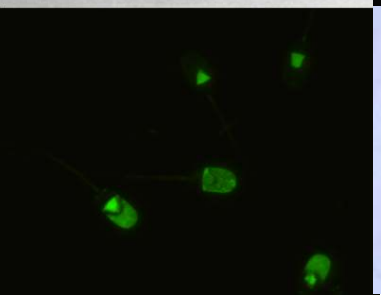
- Formative ECTS, 42 (30 compulsory & 12 optative subjects)
- External Practices *(Practicum)* 12 ECTS
- Final Master's Dissertation 6 ECTS

1 Academic year (September 2018-September 2019).
Timetable: morning and afternoon of working days
Language instruction: Both in English and Spanish.
Cost: 46.97€ each ECTS (figures for year 2017-18)

WINTER SEMESTER (September 2018-January 2019)

COMPULSORY SUBJECTS

Advanced aspects of morphology and function of the reproductive system
Fertilization and embryo development
Basic reproductive technologies of gametes and embryo manipulation


SECOND TERM (February 2019-September 2019)

OPTIONAL SUBJECTS: HUMAN REPRODUCTION PROFILE

Assisted reproduction in humans
Ethic and legal aspects of the life beginning and the assisted reproduction techniques in humans
Cryopreservation of gametes and embryos
Epidemiology of reproductive health

OPTIONAL SUBJECTS: VETERINARY PROFILE

Ultrasound applications in reproductive biology
Reproductive biotechnologies and recovery of endangered species
Transgenesis, gene therapy, cloning and stem cells
Cryopreservation of gametes and embryos
Epidemiology of reproductive health

OPTIONAL SUBJECTS: SCIENTIFIC PROFILE

Basic issues of scientific activity: methods, foundations, ethics
Cell and Molecular Biology techniques applied to the Biology of Reproduction
Epigenetics in Reproductive Biology

COMPULSORY:

External practices (*Practicum*): Minimum of 6 weeks in Clinics of Human Reproduction, Hospital Reproduction Units, University Departments Research centers and Reproductive and/or Biotechnological Companies located all around the world.

Master Dissertation (End of Master Work): Under a tutor's supervision the students should execute a research work (experimental or bibliographic), prepare a written report according to a scientific format (objective, state of the art, material and methods, results, discussion and conclusion) and eventually present and discuss the topic with an evaluation committee

2018-19 Academic Year:

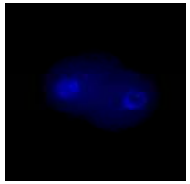
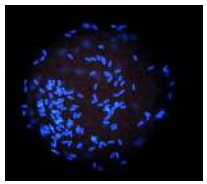
Enrolment period (2018):
- Pre-registration: 15th June - 13th July
- Registration: 25-30th July

Special enrolment period (2018):
- Pre-registration : 12-21th September
- Registration: 2-5th October

A Degree or Bachelor in Biosciences is required.
Language instruction: both in Spanish and English.
An intermediate B2 level in Spanish and English is most recommended

Required documents (a copy of):

- **Identity Card or Passport**
- **Degree or Bachelor Title Certificate**
- **Official Transcript of Records**
- **Curriculum vitae**
- **Personal statement**
- **B1 certificate in English**

TEACHING STAFF

A broad and selected list of University Academics and Scientists, not only from the University of Murcia, but also from other Universities around the world, as well as from Research Institutions and Private Companies (*see Participating Institutions and Partners*).