

**TEACHING CALENDAR. MASTER “BIOLOGY AND TECHNOLOGY OF REPRODUCTION IN MAMMALS”**

ACADEMIC COURSE 2022-23

(Slight changes might happen once the academic course begins)

First semester (period of classes from 6th September to 2 th December 2022)

| Week | Subject (Coordinator) |
|----------------------|--|
| 5-9 sep | <i>Open/Close ceremony, conferences. 8-9th Sep: Master Thesis defence (Course 2021-22).</i> |
| 12-23 sep | Morphology and function of the male reproductive system (S. Cánovas). |
| 26 sep-7 oct | Morphology and function of the female reproductive system (MJ. Izquierdo). |
| 10-14 oct | Seminars, conferences and journal club of previous subjects. 12 th <i>National Holiday.</i> |
| 17-21 oct | Gametes-oviduct interactions previous to fertilization (R. Romar). |
| 24 oct- 4 nov | Fertilization, embryo development and pregnancy (P. Coy). 1 st <i>Nov National Holiday</i> |
| 7-11 nov | Sperm function analysis (C. Matás). |
| 14 nov-25 nov | In vitro maturation, fertilization and embryo culture (R. Romar) |
| 28 nov-2dec | Seminars, conferences and journal club of previous subjects. |

First Period Exams (from 12th to 22th December 2022 and from 9th to 13th January 2023)**Second semester (period of classes from 19th January to 24th March 2023).**

| Week | Subject (Coordinator) |
|----------------------|--|
| 16 jan-15jul | <i>Practicum (minimum 6 weeks) and Master Thesis</i> |
| 16-20 jan | <i>Topics presentation.</i> Basic issues of scientific activity: methods, foundations, ethics (J. Serrano) plus weekly sessions. |
| 23-27 jan | Ethic and legal aspects of the life beginning and the assisted reproduction techniques in humans (MD. Cárceles). |
| 30 jan-10 feb | Assisted reproduction in humans (P. Coy). |
| 13-17 feb | Cryopreservation of gametes and embryos (S. Ruiz) |
| 20-24 feb | Epigenetics in reproductive biology (S. Cánovas) |
| 27 feb-3 mar | Transgenesis, gene therapy, cloning and stem cells (J. Gadea). |
| 6-10 mar | Reproductive biotechnologies and recovery of endangered species (FA. García) |
| 13-17 mar | Cell and molecular biology techniques applied to biology of reproduction (M. Aviles) |
| 20-24 mar | Epidemiology of reproductive health (A. Cutillas) |
| 27-31 mar | Ultrasound applications in reproductive biology (S. Ruiz) |

Second Period Exams (from 17th to 28th April 2023)

**EXAMINATION SCHEDULE. MASTER “BIOLOGY AND TECHNOLOGY OF REPRODUCTION IN
MAMMALS”
ACADEMIC COURSE 2021-22**

First Period Exams (from 12th to 22th December 2022 and from 9th to 13th January 2023)

| Exam date | Subject |
|------------------|---|
| 12 Dec 2021 | Gametes-oviduct interactions previous to fertilization |
| 15 Dec 2021 | Sperm function analysis |
| 19 Dec 2021 | Morphology and function of the male reproductive system |
| 22 Dec 2021 | In vitro maturation, fertilization and embryo culture |
| 9 Jan 2022 | Morphology and function of the female reproductive system |
| 13 Jan 2022 | Fertilization, embryo development and pregnancy |
| 16-17 Jan 2022 | Master Thesis Defence |

Second Period Exams (from 17-28th April 2023)

| Exam date | Subject |
|------------------|--|
| 17 April 2023 | Basic issues of scientific activity: methods, foundations, ethics |
| 17 April 2023 | Reproductive biotechnologies and recovery of endangered species |
| 18 April 2023 | Morphology and function of the male reproductive system |
| 19 April 2023 | Ultrasound applications in reproductive biology |
| 20 April 2023 | In vitro maturation, fertilization and embryo culture |
| 21 April 2023 | Cell and molecular biology techniques applied to biology of reproduction |
| 21 April 2023 | Gametes-oviduct interactions previous to fertilization |
| 24 April 2023 | Assisted reproduction in humans |
| 24 April 2023 | Sperm function analysis |
| 25 April 2023 | Epidemiology of reproductive health |
| 25 April 2023 | Fertilization, embryo development and pregnancy |
| 26 April 2023 | Cryopreservation of gametes and embryos |
| 26 April 2023 | Morphology and function of the female reproductive system |
| 27 April 2023 | Transgenesis, gene therapy, cloning and stem cells |
| 28 April 2023 | Epigenetics in reproductive biology |
| 28 April 2023 | Ethic and legal aspects of the life beginning and the assisted reproduction techniques in humans |

Third Period Exams (from 12th to 23th June 2023)

| Exam date | Subject |
|------------------|--|
| 12 June 2023 | Ultrasound applications in reproductive biology |
| 12 June 2023 | Morphology and function of the male reproductive system |
| 13 June 2023 | Basic issues of scientific activity: methods, foundations, ethics |
| 14 June 2023 | In vitro maturation, fertilization and embryo culture |
| 15 June 2023 | Transgenesis, gene therapy, cloning and stem cells |
| 15 June 2023 | Sperm function analysis |
| 16 June 2023 | Assisted reproduction in humans |
| 19 June 2023 | Cryopreservation of gametes and embryos |
| 20 June 2023 | Fertilization, embryo development and pregnancy |
| 20 June 2023 | Reproductive biotechnologies and recovery of endangered species |
| 20 June 2023 | Cell and molecular biology techniques applied to biology of reproduction |
| 21 June 2023 | Epigenetics in reproductive biology |
| 21 June 2023 | Epidemiology of reproductive health |
| 23 June 2023 | Gametes-oviduct interactions previous to fertilization |
| 23 June 2023 | Ethic and legal aspects of the life beginning and the assisted reproduction techniques in humans |
| 23 June 2023 | Morphology and function of the female reproductive system |

MASTER THESIS DEFENCE: 16-17 January 2023 (*only for students who pass all subjects previously*); 10-12th July 2023 (*only for students who pass all subjects previously*); 7-8th September 2022.