

COURSE CALENDAR

April- July 2017

Course	Venue	Class dates ¹	Type of course ²	Instructor	Course Objectives	Main Contents	ECTS
<i>Starting on April 2017</i>							
MOLECULAR MARKERS IN REPRODUCTION	UNITE	3-7 april/ 10-13 april /26-28 april/ 2-3 May 2017	SR	Proff. BATTISTA-RAPINO	The course allows the student to achieve: - a core of skills on the molecular and cellular mechanisms of the reproductive processes. This implies the assimilation of knowledge concerning: the biochemical nature of the different classes of compounds that act as intra- and inter-cellular messengers and the inter-relationships that allow the integration of different signals along pathways that lead to biological response; - the knowledge of the main concepts concerning theoretical and practical methodologies that enable the identification and quantification of various biological biomarkers of fertility.	The complete syllabus can be checked on the UNITE website	12
ITALIAN (class A)	UNITE CLA	April 10,11, 12, 18, 19, 26 May, 2,3,8,9,10,15 Final Test: May 16 h.8,30-11,30	LC	UNITE Foundation	The course will allow ESRs to get the fundamentals of Italian Grammar and Written/Spoken Language Final test is compulsory	The complete syllabus will be published on the RepEAT Website	4
ICSI PROCEDURE AND ADVANCED TECHNIQUES IN MEDICALLY ASSISTED PROCREATION	UNITE	Lessons: 3-7 April Practical activities: 10-13 April/ 26 april-3 May 2017	SR	Prof. MUZII	The aim of the course is to show the importance of biological knowledge when performing diagnosis, prevention and treatment of human infertility.	The complete syllabus can be checked on the UNITE website	6

¹ SR= Scientific & Research specific; TS= Transversal Skills; LC= Language Course

LEGISLATION AND BIOETHICS IN MEDICINE OF REPRODUCTION	UNITE	27 april 2017 h10/17 10 may 2017 h10/17 19 may 2017 h10/17 24 may 2017 h10/17 26 may 2017 h10/17	TS	Avv. Filomena GALLO	The aim of the course is to provide a complete and updated description of legislation and bioethics in medicine of reproduction, comparing the Italian legislative body to the ones of different European countries.	The complete syllabus can be checked on the UNITE website	4
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<i>Starting on May 2017</i>							
EMBRYOLOGY	UNITE	15-19 /22-26 May 2017	SR	Prof. LOI	The course will provide students: - with the most advanced knowledge about Development Biology in Mammalian, Amphibia, Fish and Avian embryos. - with the most advanced knowledge on Embryo Biotechnologies available today (embryo multiplication, cloning, transgenic, monoparental and chimeric embryos).	The complete programme will be published on the RepEAT Website	6
PPAR ACTIVATION FROM DIET TO PHARMACOLOGY	UNITE Dissertation Hall	May, 11 h.11,00	SR	Prof. Juan ZOLEZZI M., Catholic University of Chile Prof. C. D'Addario		The complete programme will be published on the RepEAT Website	0,5
ITALIAN (class B)	UNITE CLA	May 17,22, 23, 24,29, 30, 31 June, 5,6,7,12,13 Final Test: June 19 h.8,30-11,30	LC		The course will allow ESRs to get the fundamentals of Italian Grammar and Written/Spoken Language Final test is compulsory	The complete programme will be published on the RepEAT Website	4
SCIENTIFIC COMMUNICATION	UNITE	May 9, hours 14-17 May 18, hours 10-13 Following dates in June to be defined	TS	Dr. Luciano RAGNO	The aim of the course is to learn how to use scientific communication on television and radio and to learn how to use scientific communication through printed paper, and online (internet) news.	The complete programme will be published on the RepEAT Website	6

EFFECTIVE PROPOSAL WRITING	UNITE Dissertation Hall	29,30 May h.14,30-18	TS	Dr. DI FALCO/Prof. RUSSO	This course will focus on the elements and processes of program planning, proposal writing and program evaluation. The rationale for this course is the organizational concern for planning, funding and accountability. Researchers must possess the skills necessary to obtain funding and to determine the impact of a particular program and/or policy. ESRs will gain experience and skills through the development and writing of a proposal.	Key excellence parameters and rules for effective proposal writing Project Cycle Management and Logical Framework Analysis as a tool to support the planning and the drafting of effective proposals The rule of the PERFECT Project Discussion of bad and good practices	1
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<i>Starting on June 2017</i>							
CRIOBIOLOGY	UNITE	5-9/ 12-16/19-23 june 2017 Entire weeks (from Monday to Friday)	SR	Proff. DAINESE/BERNABO'	The course mainly aims to: - provide an updated scenario of the functional molecular interactions that can be impaired during cryopreservation (also altering epigenetics). The course will focus also on the protein/protein and protein/lipid interactions that can give a functional modulation of gametes; - describe the gametes biology at physiological and low temperatures; - describe the applications of gametes cryoconservation techniques; - to introduce the fundamentals of computational modeling in cryobiology.	The complete programme will be published on the RepEAT Website	6
CRIOBIOLOGY (Full-day Seminar)	UNITE	June, 15 h. 9,00-18,00	SR	Prof. BORINI		The complete programme will be published on the RepEAT Website	1

<i>Starting on July 2017</i>							
H2020 AND EMERGING PERSPECTIVES IN EU RESEARCH IN FOOD/FOOD&HEALTH-RELATED RESEARCH	UNITE	July 3, 4 h. 14,30-18,30	TS	Dr. DI FALCO/Prof. RUSSO	The course will allow ESRs to become familiar with the main funding programme for research in Europe. Nearly 90 Billion Euros to be used to support research activities and research networks in a global perspective (not just EU)	The European Research and Innovation Strategy as one of the main pillar of the Europe 2020 Agenda: why are they so relevant?	1

						<p>Topics and priorities for the last three years of H2020</p> <p>How to properly manage the complementarities among the three core pillars of Horizon 2020</p> <p>Evaluation criteria and the selection of H2020 evaluators: an opportunity for ESRs and research institutions</p>	
ACADEMIC WRITING	IZSAM	Detailed calendar to be defined	TS	Dr. Barbara ALESSANDRINI	The course will allow students to identify and understand the key components and practical steps for paper preparation	The complete programme will be published on the RepEAT Website	2