



Course Program

Course Master: [Prof. Dr. Gaia Cecilia Luvoni \(I\), DVM, PhD, DECAR](#)

Monday, 17 September 2012 *Semen Collection in Wild, Injured or Dead Animals*

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| 08:30 – 09:30 | Registration and welcome |
| 09:30 – 10:00 | Semen collection in the tomcat |
| 10:00 – 11:00 | Collection and characteristics of epididymal spermatozoa |
| 11:00 – 11:30 | Coffee Break |
| 11:30 – 12:30 | Sperm morphology in the domestic cat and its relation with fertility |
| 12:30 – 14:00 | Lunch |
| 14:00 – 16:00 | Wet-Lab Group 1: Semen collection in the tomcat Wet-Lab Group 2: Collection of epididymal semen and morphological evaluation of cat semen |
| 16:00 – 18:00 | Wet-Lab Group 2: Semen collection in the tomcat Wet-Lab Group 1: Collection of epididymal semen and morphological evaluation of cat semen |

Tuesday, 18 September 2012 *Operative Procedures in Reproduction*

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| 09:00 – 10:00 | Transcervical uterine catheterization in the cat |
| 10:00 – 11:00 | Acupuncture in reproduction |
| 11:00 – 11:30 | Coffee Break |
| 11:30 – 12:30 | Videolaparoscopic surgery |
| 12:30 – 14:00 | Lunch |
| 14:00 – 18:00 | Wet-Lab Group 1: Videolaparoscopy of the genital tract |
| 14:00 – 16:00 | Wet-Lab Group 2: Operative procedures in neonates |

Wednesday, 19 September 2012 *New Diagnostic Techniques in Reproduction*

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| 09:00 – 10:00 | Computed tomography and magnetic resonance imaging |
| 10:00 – 11:00 | Fetal biometry and prediction of parturition term in bitches and queens |
| 11:00 – 11:30 | Coffee Break |
| 11:30 – 12:30 | Endometrial cytology |
| 12:30 – 14:00 | Lunch |
| 14:00 – 18:00 | Wet-Lab Group 2: Videolaparoscopy of the genital tract |
| 14:00 – 16:00 | Wet-Lab Group 1: Operative procedures in neonates |

Thursday, 20 September 2012 *Reproduction in Reptiles, Birds and New Companion Animals*

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| 09:00 – 10:00 | Physiology and pathology of reproduction in reptiles |
| 10:00 – 11:00 | Physiology and pathology of the avian reproductive tract |
| 11:00 – 11:30 | Coffee Break |
| 11:30 – 12:30 | Physiology and pathology of reproduction in pet rabbits, selected rodent species and ferrets |
| 12:30 – 14:00 | Lunch |
| 14:00 – 15:45 | Wet-Lab Groups 1 and 2: Elective and therapeutic neutering and spay of pet rabbits, rodents and ferrets |
| 15:45 – 16:15 | Coffee Break |
| 16:15 – 18:00 | Wet-Lab Groups 1 and 2: Management and selection of breeding birds |

Friday, 21 September 2012 *Biotechnologies in Reproduction*

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| 09:00 – 10:00 | Cryopreservation of oocytes and ovarian tissue |
| 10:00 – 11:00 | Micromanipulation of gametes and embryos |
| 11:00 – 11:30 | Coffee Break |
| 11:30 – 12:30 | Clinical relevance of biotechnological advances in dogs and cats |
| 12:30 – 14:00 | Lunch |
| 14:00 – 16:00 | Wet-Lab Groups 1 and 2: <i>Medical and surgical treatment of adrenal disease in ferrets</i> |
| 16:00 – 16:30 | Closing |
| 20:30 – | Gala Dinner |