

Week 1

Tuesday 02-07-19	Wednesday 03-07-19	Thursday 04-07-19	Friday 05-07-19	Saturday 06-07-19	Sunday 07-07-19
Official welcome & Visit of the Faculty	Respiratory Day	Muscular Day	Cardiac Day	Visit of the Cynodrome	
	State of the Art	State of the Art	State of the Art		Experimental protocol
8h: Registration at the hotel Van Der Valk	9h: Use of dogs in sport and work : scientific knowledge on physiology and physiopathology <i>by D. GRANDJEAN</i> B45	9h: Muscular adjustments to exercise and training <i>by T. ART</i> B41	9h: Biosecurity <i>by C. SAEGERMAN</i> B45 10h: Effect of training on cardiac morphology and function in humans, horses and dogs <i>by H. AMORY</i> B45 Coffee break 11h: Echocardiography as a tool to evaluate the athletic heart <i>by A.-C. MERVEILLE</i> B45 11h45: Role of exercise testing and exercise echocardiography for evaluation of the human athlete's heart <i>by E. DULGHERU RALUCA</i> B45	9h45: Departure from the Hotel VAN DER VALK to the Cynodrome 10h30: Visit of the Cynodrome	9h30: Drafting a protocol on the basis of evidence-based medicine and literature review By S. VANDENPUT room "Léonard" at the Hotel
9h30: Official welcome by Prof. Laurent GILLET Vice-Dean for the Research B45	10h: Respiratory adjustment to exercise and training in horses and dogs <i>by T. ART, C. CLERCX</i> B45	10h: Medical follow-up of equine athletes on the field <i>by A. COUROUCE</i> B41			
10h: Campus Tour	Coffee break 11h30: Respiratory dysfunctions and pathologies limiting performance in the athletic horse <i>by I. TOSI</i> B45	Coffee break 11h30: Assessing skeletal muscle mitochondrial function with video demo <i>by D. VOTION</i> B41			
12h30: Lunch	12h30: Lunch	12h30: Lunch	12h30: Lunch	12h30: Lunch	12h30: Lunch
	How to	How to	How to		
14h: Shot guns: Presentation of participant's PhD projects - Chairman: Stefan DELEUZE B45 Presentation of the program of the FGSS B45	14h: Half-group: Upper airway function in horses and dogs: how to assess? <i>by T. ART & C. CLERCX</i> Half-group: Lower airway subclinical problems in horses: how to assess <i>by E. RAMERY</i> B45	14h: Half group: The microbiopsy technique on cadavers & muscular anatomopathology <i>by D. CASSART</i> Half group: How to assess mitochondrial respiration on muscular tissue. Center of Oxygen <i>by D. VOTION</i>	13h30: Half group: How to assess cardiac function during exercise in humans <i>by E. DULGHERU RALUCA</i> 14h: Echocardiography demonstration on a horse and on a dog <i>by H. AMORY, A.-C. MERVEILLE</i> Experimental Protocol 15h30: Literature search <i>by S. VANDENPUT, C. DELGUSTE</i> B41	14h30: Guided tour of the City 15h30: Free time 15h: Departure of the Cynodrome 15h30: Free time	

Week 2

Monday 08-07-19	Tuesday 09-07-19	Wednesday 10-07-19	Thursday 11-07-19	Friday 12-07-19
Kinematics Day	Trial Day / Imaging	Physiotherapy Small animal orthopedics & imaging	Nutrition Day	Debate Day
	State of the Art	State of the Art	State of the Art	
8h30: Departure from the Hotel VAN DER VALK to LINALUX	9h: Reasoned use of imaging in clinical diagnosis and research by V. BUSONI, G. DE LA REBIERE	9h: What the physiotherapist wants to know from an ultrasonographer in small animal practice by G. SPATTINI B45	9h: Sport dog nutrition by M. DIEZ B45	9h: Debate: Cultural context, interactional frame and the perception of animal suffering
9h30: Arrival at Linalux (Center for Reproduction) and the European Center for Horses, in Mont-Le-Soie	Coffee break	10h: Conservative treatment of partial cranial cruciate ligament tears – a preliminary study by Invited Speaker B45	10h: Myths and Realities about Nutrition for sports Horses by N. GALINELLI B45	Introduction to the debate by V. SERVAIS Chairman: M. VANDENHEEDE B45
Coffee break	10h: Imaging wet lab A wet-lab on the use of radiology, ultrasound and CT for obtaining measurements and to calculate the approach to deeply located structures in the distal equine limb. Participants will be divided in small groups to work on images on DICOM viewers and to do some manipulations on isolated equine limbs.	Coffee break	Coffee break	Coffee break
11h: State of the art : Regenerative medicine and tendinopathy in horses by D. SERTEYN	11h30: Patellar tendinopathy after TPLO - Treatment strategies in Tendinopathie by P. WINKELS B45	11h30: Visit of the SHIME by V. DELCENSERIE B43bis	11h30: Open discussion with the group about animal welfare in research	B45
12h: Lunch	12h30: Lunch	12h30: Lunch	12h30: Lunch	12h30: Lunch
How to	How to	How to	EXPERIMENTAL PROTOCOL	
13h: Demo: the lameness locator Wetlab: The "connected horse" by J.-P. LEJEUNE	14h: Dog: demonstration of a treadmill test Horse demonstration of a Treadmill test EXPERIMENTAL PROTOCOL	14h: Wet lab at the LAMH: Lameness evaluation with force plate in dogs and human by M. BALLIGAND, P. WINKELS, C. SCHWARTZ	14h: Results: presentation & discussion (all participants) by J. DETILLEUX, C. DELGUSTE B45	14h: Departure
16h : Departure from LINALUX	15h30: Exercise tests: on Human Walk test to predict aerobic capacity on healthy volunteers (among participants) by S. HODY	16h: Maximal oxygen consumption (VO2 max) determination on healthy volunteers (among participants) by S. HODY	19h: Summer School BBQ B45	