ADVANCED COURSE OF
MOLECULAR PHYSIOLOGY OF SKELETAL MUSCLE

26th and 27th September 2005
Faculty of Sport Science and Physical Education
University of Coimbra – Portugal

PROGRAMME

September 26th

9:00 h
Sessão de abertura
Opening session

9:30 –10:30 h
Session 1
Técnicas histológicas para avaliação das fibras musculares
Laboratorial techniques for skeletal muscle fibers identification
Cabrita, S; MD, PhD
Faculdade de Medicina
Universidade de Coimbra, Portugal

10:30 – 11:00 h
Discussion

11:00 – 11:30 h
Coffee Break

11:30 – 12:30 h
Session 2
Músculo esquelético e factores de crescimento
Growth factors and muscle
Velloso C; PhD
Prof. Goldspink's Unit
Royal Free and University College Medical School
London, UK

13:00 – 14:30 h
Lunch

14:30 – 15:30 h
Session 2
Mecanismos moleculares das alterações das fibras esqueléticas induzidas pelo exercício
Molecular mechanisms of exercise-induced changes in skeletal fibers
Velloso C; PhD
Prof. Goldspink's Unit
Royal Free and University College Medical School
London, UK
15:30 – 16:00 h
Discussion

16:00-17:00 h
Influência de substâncias ergogénicas no desempenho muscular
Skeletal muscle performance and ergogenic substances
Oöpik V, PhD
University of Tartu, Estónia

17:00 – 17:30 h
Discussion

September 27th

9:30 –10:30 h
Session 1
Células progenitoras do endotélio e exercício
Progenitor endothelium cells and exercise
Invernici G, PhD
Laboratory of Neurobiology and Neurogenerative Therapies
National Neurological Institute “Carlo Besta”
Milan Italy

10:30 – 11:00 h
Discussion

11:00 – 11:30 h
Coffee Break

11:30 – 12:30 h
Session 2
Células musculares indiferenciadas e miogénese
Human muscle-derived stem cells and myogenesis
Invernici G, PhD
Laboratory of Neurobiology and Neurogenerative Therapies
National Neurological Institute “Carlo Besta”
Milan Italy

12:30 – 13:00 h
Discussion

13:00 – 14:30 h
Lunch

14:30 – 17:30 h
Session 2 (Workshop)
A electromiografia como instrumento para a avaliação fisiológica do músculo esquelético
Electromyography for the physiological assessment of skeletal muscle
Pezarat Correia P, PhD
Faculdade de Motricidade Humana, Universidade de Lisboa, Portugal