SUMMER SCHOOL FOR THE BIOLOGICAL TREATMENT OF CHRONIC SPINAL CORD INJURY
Vienna, Austria
October 5-10, 2008

Program

October 5, Sunday

SESSION I – PART 1

Chairman: Byron Kakulas, University of Western Australia, Perth, Australia.

0800-0805 Opening of the Summer School

0805-0830 Milan Dimitrijevic: “Conceptional design of the summer school.” Department of Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, Texas, USA; Vienna Program for Restoration of Locomotion, Vienna, Austria; Institute of Clinical Neurophysiology, Ljubljana, Slovenia.


0925-1020 Questions and Answers


1015-1020 Questions and Answers

1020-1050 Coffee break


1140-1145 Questions and Answers

1145-1235 Alan Mackay-Sim: “Autologous olfactory ensheathing cell transplantation in human paraplegia: a 3 year clinical trial.” National Centre for Adult Stem Cell Research, Griffith University, Nathan, Australia.
1235-1240 Questions and Answers
1240-1340 Lunch

SESSION I – PART 2
Chairman: Byron Kakulas, University of Western Australia, Perth, Australia.
1340-1430 Daniel P. Lammertse: “Autologous cellular therapy in SCI: lessons learned from the multicenter macrophage trial.” Craig Hospital, Englewood, Colorado, University of Colorado Denver Health Sciences Center, Denver, Colorado, USA.
1430-1435 Questions and Answers
1435-1500 General discussion

SESSION II: Demonstration workshops for assessment of human spinal cord functions
Chairman: Winfried Mayr, Center of Biomedical Engineering and Physics, Vienna, Austria.
1530-1600 Arthur Sherwood, Barry McKay: “Assessment of Spinal Cord Injury by the Protocol for Brain Motor Control Assessment (BMCA). Program for demonstration workshops in the following days.” National Institute on Disability and Rehabilitation Research, Washington, DC, USA; University of Louisville, Department of Neurological surgery, Kentucky, USA.
1600-1630 Vedran Deletis: “Neuromonitoring of Descending Spinal Tract.” Institute of Neurology and Neurosurgery, New York, USA.
1900 Social event to be announced
October 6, Monday

SESSION III – PART 1

Chairman: Sten Grillner, Department of Neuroscience, Karolinska Institutet, Stockholm, Sweden.

0800-0850 Serge Rossignol: “CPG in the recovery of locomotion after partial spinal cord lesions.” Université de Montréal, Québec, Canada.

0850-0855 Questions and Answers


0945-0950 Questions and Answers

0950-1020 Coffee break

1020-1110 Jonathan R. Wolpaw: “Plasticity of the spinal cord.” Wadsworth Center, New York State Department of Health and State University of New York, New York, USA.

1110-1115 Questions and Answers

1115-1205 Hongyun Huang: “Long term follow-up results of fetal OEC transplant for patients with chronic spinal cord injury.” Beijing Hongtianji Neuroscience Academy, Beijing, China.

1205-1210 Questions and Answers

1210-1310 Lunch

SESSION III – PART 2

Chairman: Sten Grillner, Department of Neuroscience, Karolinska Institutet, Stockholm, Sweden.

1310-1400 Wise Young: “Collaborative Neuosciences and Biological Therapy of Spinal Cord Injured People”. Rutgers, The State University of New Jersey, New Jersey, USA.

1400-1405 Questions and Answers

1405-1430 General discussion
SESSION IV

Chairman: Justin Brown, Washington University, St Louis, Missouri, USA.

1430-1730 Demonstration workshops for assessment of human spinal cord functions.


1800-1805 Questions and Answers

2000 Social event to be announced

October 7, Tuesday

SESSION V

Chairman: Frank Rattay, Vienna University of Technology, Vienna, Austria.


0850-0855 Questions and Answers

0855-0945 Georgio Brunelli: “The Glutamatergic Innervation of Peripheral Nerves and Muscles After CNS-PNS Connection.” University of Brescia, Brescia, Italy.

0945-0950 Questions and Answers

0950-1015 Coffee break


1105-1110 Questions and Answers

1110-1140 General discussion

1140-1210 Report on the Symposium on and the “Christopher and Dana Reeve Foundation Spinal Cord Symposium.” May 9-11, 2008, Atlanta, USA.

1210-1215 Questions and Answers
1215-1315  Lunch

SESSION VI
Chairman: Ilse Persy, Vienna University of Technology, Vienna, Austria.

1400-1700  Demonstration workshops for assessment of human spinal cord functions.
1900  Social event to be announced

October 8, Wednesday

SESSION VII
Chairman: Helmut Kern, Ludwig Boltzmann Institute of Electrical Stimulation and Physical Rehabilitation, Vienna, Austria.

0800-0850  David McCrea: “Creating the Locomotor State: The Organization of the Mammalian Locomotor CPG.” Department of Physiology, University of Manitoba, Winnipeg, Manitoba, Canada.
0850-0855  Questions and Answers
0945-0950  Questions and Answers
0950-1020  Coffee break
1020-1110  Martin Schwab: “Nogo Inhibition to Enhance Regeneration and Functional Recovery in SCI.” Brain Research Institut, University of Zurich, Switzerland.
1110-1115  Questions and Answers
1115-1200  General discussion
1200-1300  Lunch

SESSION VIII
Chairman: Christian Hofer, Ludwig Boltzmann Institute of Electrical Stimulation and Physical Rehabilitation, Vienna, Austria.
1300-1600 Demonstration workshops for assessment of human spinal cord functions.

1900 Social event to be announced

October 9, Thursday

SESSION IX

Chairman: Gerta Vrbova, Royal Free and University College Medical School, London, UK.

0800-0850 Hans Hultborn: “Plasticity at motoneuronal level following spinal cord lesions: changes in motoneuronal gene expression and intrinsic properties in relation to the development of spasticity - new perspectives in understanding mechanisms underlying negative and positive changes following lesions.” University of Copenhagen, Copenhagen, Denmark.

0850-0855 Questions and Answers

0855-0945 V. Reggie Edgerton: “Regaining stepping with epidural stimulation and pharmacological modulation.” University of California, Los Angeles, USA.

0945-0950 Questions and Answers

0950-1030 Coffee break

1030-1115 General discussion


1630-1635 Questions and Answers

1150-1300 Lunch

SESSION X

Chairman: Michael Vogelauer, Institute of Physical Medicine and Rehabilitation, Wilhelminenspital, Vienna, Austria.

1300-1600 Demonstration workshops for assessment of human spinal cord functions.

1900 Social event to be announced
October 10, Friday

SESSION XI

Chairman: Byron Kakulas, University of Western Australia, Perth, Australia.

0800-0850  Wagih El Masri: “What we need to know about natural recovery following traumatic spinal cord injury.” President Elect of International Spinal Cord Society (ISCOS), UK.

0850-0900  Questions and Answers

0900-0950  Justin Brown: “Functional Neurosurgery of the Injured Spinal Cord.” Washington University, St Louis, Missouri, USA.

0950-1000  Questions and Answers

1000-1030  Coffee break

1030-1120  Milan Dimitrijevic: “Clinical Practice of Restorative Neurology of Spinal Cord Injury.” Baylor College of Medicine, Houston, TX, USA; Vienna Program for Restoration of Locomotion, Vienna, Austria; Institute of Clinical Neurophysiology, Ljubljana, Slovenia.

1120-1130  Questions and Answers

1130-1200  General discussion

1200-1400  Lunch and concluding remarks on the Summer School by Sten Grillner, Byron Kakulas, and Gerta Vrbova.