

I.S.M.O.



International
Society
for Molecular
Orthopaedics

ISMO-Congress 2012

„Aspects in Molecular Diagnostics & Therapy 2012”

Opportunities and possible interactions
for diagnostic & therapeutic developments using autologous BIOLOGICS.

Friday, September 21st, 2012

14:00 h **Come together – Registration**

15:00 h Opening / ISMO President

Cytokines Basics

15:00 - 15:40 h Cytokines - Diagnostics in pro inflammatory musculoskeletal diseases
Meisel

15:40 – 16:00 h Cellular functional analyses, following cytokine-expression patterns
after pre-stimulation
Schmidt

16:00 – 16:30 h Therapeutic indication for a treatment based on anti-cytokines // e.g.
Enbrel, Kineret et al.
Pfeiffer

Coffee Break

Biologics Basics

16:40 – 17:10 h Prospects of IL-6 in the treatment of musculoskeletal diseases
Scheller

17:10 – 17:30 h Potential role of concentrated bone marrow in articular cartilage
disorders / De Girolamo

17:30 – 17:50 h Basics of ACP / Autologous Conditioned Plasma
Majewski

17:50 – 18:10 h Clinical experience and the variety of indications of platelet rich plasma
Majewski

19:00 h **Speaker`s Dinner**

Saturday, September 22nd , 2012

09:00 – 09:30 h Registration / Breakfast

Cellular Mechanisms

- 09:30 - 10:05 h Influence of Vitamin D on cytokines – new aspects for diagnostics or treatment of musculoskeletal joint disorders
Spitz
- 10:05 – 10:40 h Phenotyping of chronic joint diseases
Kern
- 10:40 - 10:55 h Omega III acid: Inhibitory actions on TNF alpha & Interleukin-I
Pfeiffer
- 10:55 – 11:15 h Molecular-histology in chronic synovitis. New aspects of a specific diagnostic for a guided therapy
Kriegsmann

Coffee Break

Biologics in clinics

- 11:40 – 12:00 h Clinical results and outcomes of orthopedic diseases using ACS / Onnocomed 2
Baltzer
- 12:00 – 12:20 h NovuSyn Autologous Protein Solution (APS) for the treatment of osteoarthritis
O'Shaughnessey
- 12:20 – 12:40 h Special indications for biologics in orthopedics
Gevargez
- 12:40 – 13:10 h Where to go, biologics?

Lunch Break

Cartilage & Bone

- 14:00 – 14:20 h Matrix guided cartilage repair using HyaloFast
Granrath
- 14:20 – 14:40 h Results of 3-D autologous cartilage implantation
Anders
- 14:40 – 15:00 h BMP-2 stimulated stem cell transplantation without the use of preformed matrix
Baltzer
- 15:00 – 15:20 h BMP-II on bone & cartilage. Clinical & preclinical results
Jaeger
- 15:20 – 15:50 h Summary & discussion of the meeting
- 15:50 – 17:00 h **I.S.M.O. business meeting**