



<b>Wednesday</b> March 10 <sup>th</sup> , 2010	<b>Lecture Hall VIII</b> 04:45 pm - 07:00 pm	<b>Session 15</b> FreeCo	
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## Trauma-Induced Immunodysfunction


**Moderators:** Martin K. Angele, Munich, Germany  
Carol L. Miller-Graziano, Rochester, USA

- 04:45 - 04:57    **OR 114** A Role of TLR 9 Signaling: Late Post-Traumatic Immune Dysfunction (A 87)  
Sophie Darwiche, Pittsburgh, USA
- 04:57 - 05:09    **OR 115** Complement Factor 3 Deficiency Attenuates Hemorrhagic Shock Related Systemic Inflammatory Response Syndrome and Remote Hepatic Injury (A 88)  
Changchun Cai, Pittsburgh, USA
- 05:09 - 05:21    **OR 116** Dendritic Cells that Infiltrate Damaged Skeletal Muscle Tissue Reverse Impaired Th-Cell Responses after Trauma (A 89)  
Florian Wirsdorfer, Essen, Germany
- 05:21 - 05:33    **OR 117** Immediate Local Transplantation of Mesenchymal Stem Cells into a Severely Injured Skeletal Muscle in Rats Improves the Functional Outcome Comparable to Delayed Transplantation (A 90)  
Philipp von Roth, Berlin, Germany
- 05:33 - 05:45    **OR 118** Transcriptomic Response of Murine Liver to Severe Injury and Hemorrhagic Shock: A Dual Platform Microarray Analysis (A 91)  
Rebecca Edmonds, Pittsburgh, USA
- 05:45 - 05:51    **OP 119** Damage of Endothelial Progenitor Cells (EPC) by Polymorphonucleated Leukocytes (PMNL) In Vitro is Mediated by Direct Interaction via CD54 and CD11b/CD18 and the Release of Reactive Oxygen Species (A 92)  
Sebastian Zimmer, Frankfurt/Main, Germany

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05:51 - 05:57	<b>OP 120</b> Isolated Penetrating Thorax Injury Leads to Mild Systemic Activation of Neutrophils without Inflammatory Complications (A 93) Kathelijne Groeneveld, Utrecht, Netherlands
05:57 - 06:03	<b>OP 121</b> Blunt Chest Trauma Enhances the Phagocytotic Activity of Alveolar Macrophages (A 94) Annette Palmer, Ulm, Germany
06:03 - 06:09	<b>OP 122</b> Altered Expression of Fas-Receptor on Alveolar Macrophages Following Blunt Chest Trauma - Inflammatory Effects of Soluble Fas Ligand (A 95) Daniel H. Seitz, Ulm, Germany
06:09 - 06:15	<b>OP 123</b> Subsequent Gene Expression Pattern in Dendritic Cells Following Multiple Trauma is Independent from Injury Severity and Organ Failure (A 96) Emanuel Geiger, Frankfurt/Main, Germany
06:15 - 06:21	<b>OP 124</b> Blood Transfusion Induced Splenic Leukocyte Alterations Vary Depending on Allogenicity and Duration of Blood Storage (A 97) Philip Efron, Gainesville, USA
06:21 - 06:27	<b>OP 125</b> Systemic Inflammation Following Long Bone Fractures: What is the Role of the Fracture-Associated Soft Tissue Injury? (A 98) Philipp Lichte, Aachen, Germany
06:27 - 06:33	<b>OP 126</b> I- and L-FABP are Sensitive Markers for Abdominal Injuries in the Early Phase after Multiple Trauma but Fail to Indicate Organ Specific Failure in the Late Phase after Trauma (A 99) Maika Szermutzky, Frankfurt/Main, Germany
06:33 - 06:39	<b>OP 127</b> Effects of Femoral Fracture and Trauma-Haemorrhage on Alveolar Macrophages in IL-6-Knockout Mice (A 100) Philipp Mommsen, Hannover, Germany

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06:39 - 06:45    **OP 128** Effect of Androstenediol on Systemic Chemokine Levels in a Two-Hit Model (Trauma-Hemorrhage/CLP) (A 101)

Frank Hildebrand, Hannover, Germany



*Under the Auspices of the American Association for the Surgery of Trauma (AAST)*