


Friday March 12 <sup>th</sup> , 2010	Lecture Hall II 02:30 pm - 06:00 pm	Session 50 Symp/FreeCo	
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## The Inflammatory Reflex - Immunomechanistics and Clinical Aspects

**Moderators:** Wim A. Buurman, Maastricht, Netherlands  
Karl Werdan, Halle/Saale, Germany

02:30 - 02:50	<b>SY 416</b> Link between Immunology and Autonomic Nervous System Kevin J. Tracey, Manhasset, USA
02:50 - 03:10	<b>SY 417</b> Vagal Modulation of Macrophage Functions Wouter J. DeJonge, Amsterdam, Netherlands
03:10 - 03:30	<b>SY 418</b> Parasympathetic Regulation of Intestinal Inflammation Jean-Eric Ghia, Hamilton, Canada
03:30 - 03:50	<b>SY 419</b> Nutritional Vagus Activation: Effects on Early Intestinal Injury (A 263) Jacco-Juri de Haan, Maastricht, Netherlands
03:50 - 04:10	<b>SY 420</b> Sympathetic Blockade in Sepsis Gareth L. Ackland, London, United Kingdom
04:10 - 04:30	<b>SY 421</b> The Role of the Pacemaker Current in Septic Impairment of Heart Rate Regulation Brigitte Pelzmann, Graz, Austria
04:30 - 04:50	<b>SY 422</b> Autonomic Dysfunction in Patients with Septic and Non-Septic MODS, its Prognostic Relevance and Potential Therapeutic Approaches Karl Werdan, Halle/Saale, Germany
05:00 - 05:12	<b>OR 423</b> Single Nucleotide Polymorphism (SNP) of Toll-Like Receptor (TLR)4 Influences Hypothalamic-Pituitary-Adrenal (HPA) Axis Regulation in Patients with Postoperative Systemic Inflammation (A 259) Alexander Koch, Frankfurt/Main, Germany

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- 05:12 - 05:24    **OR 424** Evidence for a Novel Gut-Brain-Immune Axis: Nutritional Activation of a Cholecystokinin-Mediated Afferent Vagal Pathway Attenuates Inflammation (A 260)  
Tim Lubbers, Maastricht, Netherlands
- 05:24 - 05:36    **OR 425** Lipid-Rich Nutrition Preserves Renal and Intestinal Damage via Nicotinic Receptors in a Rat Hemolysis Model (A 261)  
Jacco-Juri de Haan, Maastricht, Netherlands
- 05:36 - 05:42    **OP 426** Leptin Action in the Central Nervous System Modulates Immune Response and Survival in Sepsis (A 262)  
Charles Caldwell, Cincinnati, USA
- 05:42 - 05:48    **OP 426a** Sympathetically Mediated Cardiac Effects of Hypertonic Resuscitation (A 357)  
Robert Frithiof, Stockholm, Sweden