

**Faculty will include:**

- Prof. Andrew I. Maas** - Dept of Neurosurgery, University Hospital Antwerp, Belgium
- Prof. Walter Mauritz** – Dept. of Anesthesia and Intensive Medicine, L. Böhler Trauma Hospital, Wien, Austria; INRO Vice President of Board of Directors, Wien, Austria
- Prof. Martin Rusnak** – Dept. of Public Health, Trnava University, Slovak Republic; INRO President of Board of Directors, Wien, Austria
- Alexandra Brazinova MD, MPH, PhD** – INRO, Wien, Austria
- Ingrid Wilbacher, MSc** – Main Association of Austrian Social Security Institutions Social Insurance Association, Wien, Austria
- Assoc. Prof. Viera Rusnakova** – School of Public Health, Slovak Health University, Slovak Republic
- Marek Majdan, MSc, PhD** - Dept. of Public Health, Trnava University, Slovak Republic; INRO, Wien, Austria

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International Neurotrauma Research Organization

**Teaching Seminars**

**Traumatic Brain Injury: Research and Management**

**30<sup>th</sup> Nov. – 4<sup>th</sup> Dec. 2009**  
**Vienna, Austria**

**FIRST ANNOUNCEMENT**

Dear Colleagues,

It is our pleasure to invite you to attend two consecutive seminars on state-of-the-art **research, clinical and management issues in Traumatic Brain Injury (TBI)** organized under the auspices of the International Neurotrauma Research Organization (INRO) in Vienna, Austria.

We offer two complementary seminars, the first focusing on research and the second on clinical aspects of treating severe TBI in accordance with the very latest evidence. Apart from practical and theoretical knowledge on clinical management of TBI presented by acknowledged experts in the area, we offer practical training in a variety of other aspects of TBI, such as research management, research outcome processing, statistical analysis, writing research papers and much more.

INRO has over 10 years experience in improving care for TBI victims through the implementation of national and international research projects on evidence based treatment of brain trauma according to clinical guidelines. INRO wishes to share the fruit of its experience, knowledge and network of collaborating experts built over the years. The seminars to be presented constitute the first in a series of planned seminars.

The seminars are designed for ambitious and outstanding physicians (both residents and specialists in anesthesiology, intensive care, neurosurgery, general surgery and other areas of medicine), as well as other allied specialists in public health and medical research.

The presentations will be delivered by distinguished international faculty on topics across the board, ranging from TBI management, data collection, analysis and publishing.

The two seminars will last 2,5 days each and will take place in the week of the 30<sup>th</sup> Nov. – 4<sup>th</sup> Dec. 2009 in Vienna, Austria. The fee for one seminar is **650,- Euro**, plus the costs of travel and accommodation. The fee includes all refreshments to be provided during the seminars.

**Please contact us as soon as possible if you wish to participate in one or both of the two seminars. The maximum number of attendees per seminar is 20 and applicants will be admitted on a “first come – first served” basis.**

The seminars will take place in the heart of beautiful Vienna, at that time already lit up by the famous Christmas Market!

The seminars will cover the following topics:

| <b>Research seminar</b>  | <b>Clinical seminar</b>  |
|--|--|
| Introduction to INRO and Speed Dating  | Introduction to INRO and Speed Dating  |
| Burden of TBI in Austria and EU  | TBI: A Silent Epidemic, European and US Perspective  |
| Understanding Health and Hospital Statistics   | Evidence Based Medicine and TBI Guidelines   |
| TBI Indicators   | Introduction to Pathophysiology of TBI   |
| Indicators of Quality and Outcome in TBI Care  | Pre-hospital Management of TBI Patient: organization and critical points for quality of care                   |
| Critical Reading – an Introduction   | Introduction into Continuous Quality Improvement   |
| Study Designs in TBI Research  | Management of TBI Patient in the Emergency Ward  |
| Statistics: Statistical Inference and Statistics of Causation and Survival in TBI            | CT Scanning – interpretation and decision making (scoring, measuring, features, indications for interventions) |
| Project Management   | Critical Reading   |
| Introduction into Evidence Based Medicine and TBI Guidelines                                 | Surgical Interventions in TBI – Guidelines   |
| How to Write a Research Paper  | Management of TBI Patient in ICU and Monitoring  |
| Excursion to Lorenz Böhler Trauma Hospital in Wien, presentation of system of TBI management | Long term Management of TBI Patient and Outcome Evaluation   |
|  | How to Write a Research Paper  |
|  | How to Implement a Change into Practice and Next Steps   |

We are looking forward to welcoming you to Vienna!

**Alexandra Brazinova, MD, MPH, PhD**  
**Executive Director, INRO**