

Colston Research Society Symposium 2015: New developments in PTSD research and treatment

Organisation: School of Clinical Sciences, Faculty of Health Sciences,
University of Bristol—Professors Astrid Linthorst and Hans Reul

DAY 1 Monday 16th November

08:15-09:15 Arrival, Registration and Coffee

09:15-09:30 Welcome and Opening

09:30-10:15 ECNP Supported Plenary Lecture

Elisabeth Binder, *Max Planck Institute of Psychiatry, Munich, Germany*

Epigenetic regulation of HPA axis related-genes and their role in PTSD

10:15-10:45 Coffee break

10:45-12:15 Session 1 New insights into the neurobiology of PTSD

1. Eric Vermetten, *Leiden Medical Center/Netherlands Ministry of Defence, The Netherlands*—From cross-correlational to longitudinal studies in military cohorts

2. Hans Reul, *University of Bristol, UK*—Epigenetic regulation of stress-related memory

3. Patrizia Campolongo, *Sapienza University, Rome, Italy*—Role of the endocannabinoid system in the modulation of memory for traumatic experiences

12:15-13:45 Lunch and Poster Session

13:45-16:05 Session 2 Early life experience and stress resilience

1. Tallie Z. Baram, *University of California, Irvine, USA*—Do the origins of early-life stress explain its complex relationship to PTSD?

2. Paul Lucassen, *University of Amsterdam, The Netherlands*—Early life stress, neurogenesis and behaviour

14:45 Coffee break for 20 minutes

3. Carmine Pariante, *King's College, London, UK*—Perinatal adversities and stress vulnerability in later life

4. Olivia O'Leary, *University College Cork, Ireland*—The role of the GABA_B receptor in stress resilience

18:00-19:00 Colston Research Society Public Lecture

Wills Memorial Building

Barbara Rothbaum, *Emory University, Atlanta, USA*—Innovations in the treatment of Posttraumatic Stress Disorder

For registration please visit:

<http://www.bristol.ac.uk/clinical-sciences/colston-research-society-symposium/>



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DAY 2 Tuesday 17th November

09:00-09:30 Arrival and Coffee

09:30-12:00 Session 3 Fear memory and its extinction

- 1. Emiliano Merlo**, *University of Cambridge, UK*—Molecular mechanisms of fear reconsolidation and extinction
- 2. Dominique de Quervain**, *University of Basel, Switzerland*—Role of stress, genetics and epigenetics in memory and PTSD

10:30 Coffee break for 30 minutes

- 3. Sarah Garfinkel**, *University of Sussex, UK*—Extinction retention and fear renewal in PTSD patients
- 4. Chris Brewin**, *University College London, UK*—The neural basis of post-traumatic flashbacks

12:00-13:30 Lunch and Poster Session

13:30-15:00 Session 4 New treatment strategies in PTSD

- 1. Gustav Schelling**, *Ludwig-Maximilians-University, Munich, Germany*—Glucocorticoid hormones after trauma exposure and during treatment of PTSD
- 2. Miranda Olff**, *University of Amsterdam, The Netherlands*—Oxytocin shortly after trauma and in PTSD: potential for prevention and treatment?
- 3. Anke Ehlers**, *University of Oxford, UK*—Trauma-focused cognitive behavioural therapy in PTSD: Outcome and cognitive mechanisms

15:00-15:20 Coffee break

15:20-16:05 Plenary Lecture

David Nutt, *Imperial College London, UK*—Is MDMA a good candidate for the treatment of PTSD?

16:05-16:15 Closure and Thanks



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