



The Director of the  
**INSTITUTE OF PHYSIOLOGY CAS**  
invites you to lecture delivered by

**Prof. Matthew Walker**

**Professor of Neurology  
Clinical & Experimental Epilepsy  
Institute of Neurology  
University College London**

ENTITLED:

**“GENE THERAPY IN EPILEPSY - FROM  
BENCH TO BEDSIDE”**

on  
**THURSDAY 15 SEPTEMBER AT 3.00 PM**

Venue:  
Lecture hall  
Institute of Physiology CAS  
Videňská 1083  
142 20 Praha 4

You are warmly invited to hear Professor Matthew Walker deliver his lecture

**“Gene therapy in epilepsy - from bench to bedside”**

Professor Matthew C. Walker is a world leading expert in experimental and clinical epileptology with excellent track record. His team and collaborators in UCL represent the forefront of contemporary epilepsy research and regularly bring new breakthroughs into our understanding of epilepsy and seizures.

In his research Prof. Walker focuses on questions concerning the regulation of cortical excitability, mechanisms underlying epileptogenesis (the development of epilepsy) and the treatment and pathology of prolonged seizures (status epilepticus). His team and colleagues are intensely focused on the development of novel approaches to the treatment of epilepsy including novel drug development, focal drug application, use of viral vectors and repetitive electrical stimulation.

In his lecture, Prof. Walker will focus on progress made in the area of gene therapy of epilepsy and how the experimental discoveries can be transferred to clinical practice to successfully treat patients with medically refractory epilepsy.