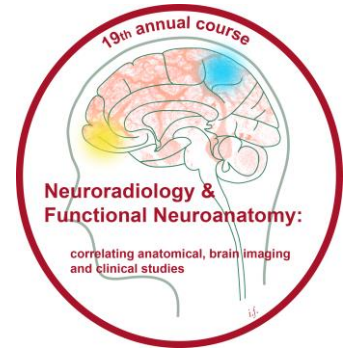


# Neuroradiology & Functional Neuroanatomy:

## Correlating Anatomical, Brain Imaging and Clinical Studies

(Organized by Prof Naidich, Prof Yeo and Prof Yousry)

Monday 25 March – Thursday 28 March 2019  
Lecture Theatre, 33 Queen Square. London



Anatomical localisation of function is a fundamental principle in the neurosciences. This four day course will correlate gross anatomy with neuroimaging and functional MRI to illustrate normal neurological function, the alterations that attend disease, and the bases for the clinical features seen in patients.

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### **Monday 25 March 2019**

09.00 – 09.05	Welcome address and Overview	<i>Prof T. Yousry</i>
09.05 – 09.50	Surface anatomy of the brain on MRI	<i>Prof T. Naidich</i>
09.50 – 10.30	Imaging the developing brain	<i>Prof P. Griffiths</i>

### **Coffee - Tea Break**

11.00 – 11.45	Developmental and acquired brain pathology in the fetus	<i>Prof P. Griffiths</i>
11.45 – 12.30	Phylogenetic evolution of the brain in humanoids	<i>Prof M. Braun</i>

### **Lunch (60 minutes)**

13.30 – 14.15	Cytoarchitectonic organization of the cerebral cortex	<i>Prof K. Amunts</i>
14.15 – 15.15	Microstructure Imaging Using MRI	<i>Prof N Weiskopf</i>

### **Coffee - Tea Break**

15.45– 16.30	MR of the basal ganglia	<i>Prof T. Naidich</i>
16.30 – 17.15	Functional anatomy of the cerebellum	Prof J Schmähmann

17.30

## ***Welcome Reception***

Foyer, 33 Queen Square.

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**Tuesday 26 March 2019**

09.00 – 10.30      “Hands on” anatomy laboratory  
Anatomic demonstration: 30 minutes, then specimen reviews & dissections  
*Prof M. Braun, Prof T. Naidich, Prof C. Yeo, Prof T. Yousry.*

**Coffee – Tea Break**

11.00 – 11.45      Myeloarchitectonic organization of the cerebral cortex      *Prof K. Amunts*

11.45 – 12.30      Association pathways      *Dr M. Catani*

12.30 – 13.15      Methods of Identification of the central sulcus      *Prof T. Yousry*

**Lunch**

14.15 – 15.30      “Hands on” PACS workstations: Identification of brain structures  
*Dr S. Shah, Dr H. Chandrashekar, Dr M. White, Prof T. Naidich,  
Prof M. Braun, Prof T. Yousry.*

**Coffee – Tea Break**

16.00 – 16.45      Motor Cortex and Descending Motor Pathways      *Prof R. Lemon*

16.45 – 17.00      White matter tracts in the brainstem at 9.4T      *Prof T. Naidich*

16.45 – 17.30      Preoperative use of tractography      *Prof T. Yousry*



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**Thursday 28 March 2019**

09.00 – 10.30      “Hands on” PACS workstations: Identification of brain structures  
*Dr S. Shah, Dr H. Chandrashekar, Dr M. White, Prof T. Naidich,  
Prof T. Yousry.*

**Coffee Break**

11.00 – 11.45      Arteries and veins of the brain      *Prof M Braun*

11.45 – 12.30      Gross anatomy of the hippocampal formation      *Prof T. Naidich*

**Lunch**

13.30 – 14.15      How does the brain think?      *Prof J Schmahmann*

14.15 – 15.00      The adolescent brain      *Prof S. Blakemore*

*End of Course – closing remarks from The Organisers: Prof Yousry, Prof Yeo, Prof Naidich*

15.30

***Goodbye Drinks***  
Foyer, 33 Queen Square

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