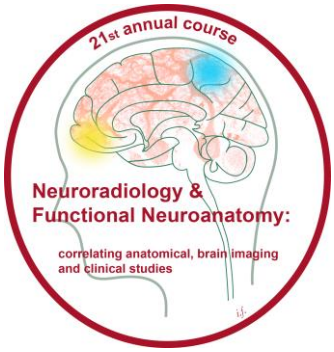
21st Neuroradiology & Functional Neuroanatomy:

Correlating Anatomical, Brain Imaging and Clinical Studies



Organised by Prof T Naidich, Prof C Yeo and Prof T Yousry

31st March – 3rd April 2025

Lecture Theatre, 33 Queen Square, London

Programme

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.

Monday 31 March 2025

08.30-09.30	Registration	
09.30-09.35	Welcome address and Overview	*Prof T Yousry*
09.35-10.20	Surface anatomy of the brain on MRI	*Prof T Naidich*
10.20-11.05	Imaging the immature brain 1: Normal and Abnormal Brain Development	*Prof P Griffiths*
11.05-11.30	*Break*	
11.30-12.15	Imaging the immature brain 2: Fetal Neuroimaging	*Prof P Griffiths*
12.15-13.00	MR of the basal ganglia	*Prof T Naidich*
13.00-14.00	*Lunch Break*	
14.00-15.30	"Hands on" anatomy laboratory Anatomic demonstration: 30 minutes, then specimen reviews & dissections *Prof T Naidich, Prof C Yeo, Prof T Yousry*	
15.30-16.00	*Break*	
16.00-16.45	Myeloarchitecture, receptorarchitecture and multimodality	*Prof K Amunts*
16.45-17.15	Motor Cortex and Descending Motor Pathways	*Prof C Yeo*
17.30	*Welcome Reception*	

Tuesday 1 April 2025

09.00-09.45	Language areas: cyto and receptorarchitecture	*Prof K Amunts*
09.45-10.30	Microstructure Imaging Using MRI	*Prof N Weiskopf*
10.30-11.15	Methods of Identification of the central sulcus	*Prof T Yousry*
11.15-11.45	*Break*	
11.45-12.30	White matter tracts in the brainstem at 9.4T	*Prof T Naidich*
12.30-13.15	Functional anatomy of the cerebellum	*Prof C Yeo*
13.15-14.15	*Lunch Break*	
14.15-15.45	"Hands on" PACS workstations: Identification of brain structures *Dr M Anjari, Dr C Hoskote, J Moggridge, Prof T Naidich, Dr S Wastling, Prof T Yousry*	
15.45-16.00	*Break*	
16.00-16.45	Embryology, anatomy and phylogeny of the anterior, hippocampal and great commissures.	*Prof T Naidich*
16.45-17.30	Language networks and their myths	*Prof C Price*

Wednesday 2 April 2025

09.00-10.30	"Hands on" anatomy laboratory *Anatomic demonstration: 30 minutes, then specimen reviews & dissections* *Prof T Naidich, Prof C Yeo, Prof T Yousry*	
10.30-11.00	*Break*	
11.00-11.45	Association pathways	*Prof T Yousry*
11.45-12.30	Effect of damage to the language network	*Prof C Price*
12.30-13.30	*Group photo and Lunch Break*	
13.30-15.00	"Hands on" PACS workstations: Identification of brain structures *Dr M Anjari, Dr C Hoskote, J Moggridge, Prof T Naidich, Dr S Wastling, Prof T Yousry*	
15.00-15.30	*Break*	
15.30-16.15	Gross anatomy of the hippocampal formation	*Prof T Naidich*
16.15-17.00	Preoperative use of fMRI and tractography	*Prof T Yousry*

Thursday 3 April 2025

09.00-09.45	Toward a better understanding of Hydrocephalus	*Prof T Naidich*
09.45-10.30	Insights into the anatomy and function of VR-spaces	*Prof R Carare*
10.30-11.00	*Break*	
11.00-11.45	Central Processing of Olfaction	*Prof T Naidich*
11.45-12.30	Special Lecture	*Prof S Scott*

End of Course – closing remarks from the organisers: Prof T Naidich, Prof C Yeo and Prof T Yousry.

Faculty:

Dr Mustafa Anjari (United Kingdom)
Prof K Amunts (Germany)
Prof R Carare (United Kingdom)
Prof P Griffiths (United Kingdom)
Dr C Hoskote (United Kingdom)
J Moggridge (United Kingdom)
Prof T Naidich (United States)
Prof C Price (United Kingdom)
Prof S Scott (United Kingdom)
Dr S Wastling(United Kingdom)
Prof N Weiskopf (Germany)
Prof C Yeo (United Kingdom)
Prof T Yousry (United Kingdom)