

Nottingham Molecular Pathology Node

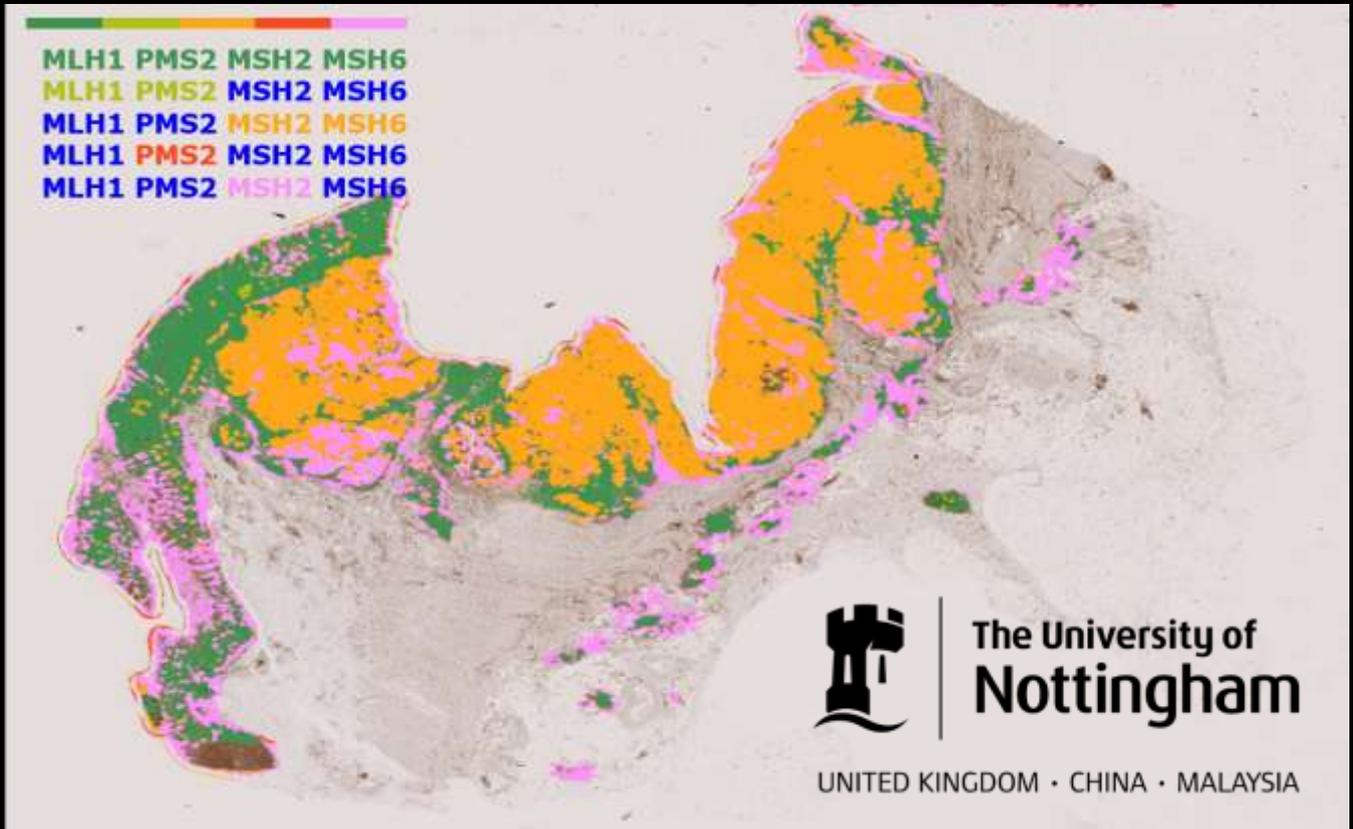


Image Analysis Training School

Park Plaza Hotel, NG1 6GD
27th & 28th September 2018

Overview

Digital pathology aided by robust image analysis techniques has made great inroads in both diagnostics and research in histopathology. The implementation of whole slide scanning and advances in software and computer processing capacity has profoundly impacted not only routine clinical diagnosis but also molecular testing including bio-banking, molecular profiling and companion diagnostic development. The Nottingham Molecular Pathology Node (NMPN), supported by AidPath, will run the first residential training school in Image Analysis which will aim to:

- Provide a comprehensive overview of the current use of image analysis in pathology diagnosis and research including practical examples
- Address how potential problems in image analysis can be resolved
- How digital pathology can be integrated in the work-stream

The course is suitable for Trainee and Consultant Pathologists with little or no experience of image analysis and for non-clinical scientists/computer experts (who may have some experience with digital platforms) wishing to learn more about the techniques and application of image analysis. Teaching will be delivered in the form of formal lectures and interactive work projects.

CPD

This course has been awarded 13 CPD points by the Royal College of Pathologists. Delegates will receive a CPD certificate following completion of the course.

Registration & Fees

Molecular Diagnostics Training School (MDTS) delegate Places are free of charge to those attending the MDTS	FREE
NON-Molecular Diagnostics Training School (MDTS) delegate	£150

Accommodation

Accommodation can be booked directly with the Park Plaza at a rate of £96.00 per night. To book a room, contact 0333 400 6148 and quote code UNIV230918.	£96 per night
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Booking terms and conditions:

- Cancellations must be received via email to MS-NMPN@nottingham.ac.uk by no later than 12.00pm on 13th September 2018
- All refunds are subject to a £20 administration fee.
- Any cancellations received after 12.00pm on 13th September 2018 will not be refunded.

Programme

Day One: Thursday 27th September

Digital pathology and image analysis

08:55	Introduction	M Ilyas: Nottingham University, UK
09:00	Image analysis in digital pathology: What are the main challenges?	M Ilyas: Nottingham University, UK
09:45	Basics of digital imaging	V.Della Mea: University of Udine, Italy
10:30	Segmenting epithelium in H&E stained sections.	TBC (Vincenzo?)
11.00	Tea & coffee	
11:30	Assessing multiple biomarkers using histogenic molecular mapping	A Pitiot: Illixa and TG
12:15	Spatial reasoning for histological imaging	G Landini: University of Birmingham
13:00	Lunch	
14:00	Assessing immunohistochemistry: Scoring methods and pitfall	A Mukherjee: University of Nottingham
14:30	Assessing immunohistochemistry: Solutions from image analysis	TBC
15:30	Tea / Coffee	
16:00	Managing tissue microarrays	Philips
18:00	Close	

Day Two: Friday 28th September

Digital pathology and diagnostic service

09:00	Digital pathology in diagnostic services	M.Ilyas: Nottingham University, UK
09:30	Image quality: issues, techniques and assessment metrics	G Bueno: UCLM, Ciudad Real, Spain
10:00	Scanner technology – What makes an ideal scanner?	M Rojo: SESCOAM, Spain
10:30	Tea & coffee	
11:00	Scanner technology – What does it deliver?	Industrial presentations Tissue Gnostics & Philips
12:30	Lunch	
13:30	Strategies and demands for digital pathology workflow integration	L.Pantanowitz: UPMC, Pittsburgh, USA
14:30	The promise of computational pathology	N Rajpoot: University of Warwick, UK
15:00	Implementation of digital pathology – How to win the argument	D Snead: Coventry
15:30	Incorporating AI / algorithms into routine practice	Panel discussion & refreshments
15:45	Recap & close	

Get in touch

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