



**Nottingham Molecular Pathology Node**  
& the Pathological Society of Great Britain & Ireland

**Pathological Society**

*Understanding Disease — Guiding Therapy*



# Molecular Diagnostics

## Training School

24<sup>th</sup> – 26<sup>th</sup> September 2018



The University of  
**Nottingham**

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# Overview

# Molecular Diagnostics Training School 2018

24<sup>th</sup> – 26<sup>th</sup> September: Park Plaza Hotel, Nottingham

## Overview

Diagnostic Molecular Pathology is the interrogation of tissue-derived molecules (DNA/RNA/protein) to provide clinically useful information adjunctive to routine histopathological examination. **The Nottingham Molecular Pathology Node (NMPN)**, supported by **The Pathological Society of Great Britain and Ireland**, will run the fourth residential training school in Diagnostic Molecular Pathology which aims to:

- Teach the theory and utility/limitations of commonly used tests
- Provide a comprehensive overview of the current use of molecular diagnostics

## Who should attend?

The course is suitable for Trainee and Consultant Pathologists with little or no experience of diagnostic molecular pathology and for non-clinical scientists (who may have some experience with molecular testing) wishing to learn more about the clinical application of molecular diagnostics. Teaching will be delivered in the form of formal didactic lectures, interactive tutorials and problem-solving exercises.

## CPD

This programme has been awarded 17 CPD points by the Royal College of Pathologists. All delegates will receive a CPD certificate in recognition of completing the course following attendance.



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# Registration & Fees

**Bookings can be made via our secure online store**

All rates include refreshments and lunch throughout the course.

**Early Bird: Deadline for early bird discount 11.00pm on 30th June 2018**

**Pathological Society Members** (you will be asked to provide your membership number) **£350**

**Non-members** **£450**

**Late registration: Available from 1st August 2018 until all places sell out**

**Pathological Society Members** (you will be asked to provide your membership number) **£400**

**Non-members** **£500**

**Accommodation (rate includes breakfast)**

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**

**Optional course dinners**

Delegates, faculty and sponsors are invited to join us for dinner on the Monday and Tuesday evenings of the School. You can book onto the dinners at the time of registering, or up to 20<sup>th</sup> September 2018. Please see the online store for full details.

**MemSaab Restaurant: Monday 24th September** **£27.95\***  
Menu C from the set menu list. \*Drinks & service charge not included

**Hart's Restaurant: Tuesday 25th September** **£24.00\***  
See sample set dinner menu. \*Drinks & service charge not included **£32.00\***  
2 courses  
3 courses

**Terms & conditions: See online store for full booking terms & conditions**



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# Additional info

## Bursaries

NMPN is offering a number of £150 bursaries to support delegates with registration fees. Please make a booking as normal via our [online store](#), and those in receipt of a bursary will be reimbursed £150 following attendance at the event. For more information or any queries relating to bursaries please contact [MS-NMPN@nottingham.ac.uk](mailto:MS-NMPN@nottingham.ac.uk)

## Association of Clinical Pathologists Travel Fund

The Association of Clinical Pathologists (ACP) offers Travel Fund Awards to members of 6 months standing or more, which can be used to support attendance at this meeting. ACP members can find details of these awards at <http://www.pathologists.org.uk/awards/travelfund>

## Travelling to Nottingham

The event will take place at the Park Plaza Hotel in Nottingham City Centre. Nottingham has excellent transport links and the venue can be easily accessed by bus, tram, taxi or on foot.

### By rail

East Midlands Trains [EastMidlandsTrains.co.uk](http://EastMidlandsTrains.co.uk)

### By bus

Nottingham City Transport: <https://www.nctx.co.uk/>

### By tram

Nottingham Express Transit: <https://thetram.net/>

### By taxi

There are several taxi ranks around the City Centre and directly outside the train station.

### Parking

Limited parking is available at the Park Plaza which must be booked in advance directly with the hotel. Alternatively there are many car parks in the area which can be pre-booked <https://www.ncp.co.uk/>

For further advice or information on travelling to Nottingham, please contact [MS-NMPN@nottingham.ac.uk](mailto:MS-NMPN@nottingham.ac.uk)



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# Programme: Day 1

## Sunday 23<sup>rd</sup> September: Optional pre-course introductory session

20:00	Bioinformatics for beginners	Illumina
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## Monday 24<sup>th</sup> September: Tissue Interrogation

08:30	Registration	
08:55	Introduction	Mohammad Ilyas
09:00	The Highs / Lows and data interpretation of PCR	Mohammad Ilyas
10:30	Tea / Coffee	
11:00	The Highs / Lows and data interpretation of sequencing	Rachel Butler
12:30	Industrial presentation	TBC
12:45	Lunch	
13:45	Industrial presentation	TBC
14:00	The highs / lows and data interpretation of in-situ hybridisation	Kate Martin & Adele Calvert
15:30	Tea / coffee	
16:00	Chromogenic in-situ hybridisation	Elizabeth Soilleux
16:30	The liquid biopsy	Caroline Cowley
17:00	NEQAS – Ensuring standards in molecular diagnostics	Sandi Deans
17:30	Industrial presentation	TBC
20:00	Course dinner at Memsaab* restaurant (optional)	

\*See Registration & Fees page for further info



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# Programme: Day 2

## Tuesday 25<sup>th</sup> September: Tissue Interrogation continued

08:30	Day 1 recap (optional)	Mohammad Ilyas
09:00	Next generation sequencing: Principles and platforms	Mohammad Ilyas
10.00	Next generation sequencing: Expression analysis	Christine Blancher
10:30	Next generation sequencing: Interpreting the data	Tania Dottorini
11.00	Tea / Coffee	
11.30	Next generation sequencing: Worked examples	Ian Tomlinson
12:00	Next generation sequencing: Worked examples	Richard Emes
12:30	Nanopore technology	Matt Loose
13.00	Lunch	
14:00	Rubbish In = Rubbish Out: The importance of template	Louise Jones
14:30	Digital pathology	Peter Hamilton
15:30	Tea / Coffee	
16:00	Industrial presentation	TBC
16:45	Industrial presentation	TBC
17:00	Day 2 recap (optional)	Mohammad Ilyas
20:00	Dinner at Harts* Restaurant (optional)	

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# Programme: Day 3

## Wednesday 26<sup>th</sup> September: Applied Molecular Diagnostics

09:00	Molecular diagnostics in CNS cancers	Zane Jaunmuktane
09:45	Molecular diagnostics in lymphoid cancers	Ming Du
10:30	Tea / Coffee	
11:00	Molecular diagnostics in lung cancers	William Wallace
11:45	Molecular diagnostics and Immuno-oncology	Gareth Thomas
12:30	Lunch	
13:30	Molecular diagnostics in mesenchymal cancers	Nischalan Pillay
14:15	Molecular diagnostics in male genitourinary cancers	Clare Verrill
15:00	Tea / coffee	
15:15	Molecular diagnostics In breast cancers	Emad Rakha
16:00	Molecular diagnostics In gastrointestinal cancers	Abhik Mukherjee
16:45	Molecular diagnostics in gynaecological cancers	Simon Herrington
17:30	Day 3 recap & course evaluation	N/A



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# Support & sponsorship from



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# Get in touch

**Email:** [MS-NMPN@nottingham.ac.uk](mailto:MS-NMPN@nottingham.ac.uk)

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**Twitter:** @NMPNUK



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