

The MU Vienna Department of Pathology  
&  
The Nottingham Molecular Pathology Node

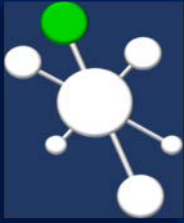
**Molecular Diagnostics Training School**  
27<sup>th</sup> – 29<sup>th</sup> April 2020

**Digital Pathology &  
Image Analysis  
Training School**  
30<sup>th</sup> April 2020

Teaching Centre of the  
General Hospital of Vienna,  
Austria



Supported by the Austrian Society of Pathology



# Molecular Diagnostics Training School 2020

## Overview

**27<sup>th</sup> – 29<sup>th</sup> April 2020**

Venue: General Hospital of Vienna, Waehringer Guertel 18-20, A-1090 Vienna.

Teaching Centre, Level 7, Conference Room 8

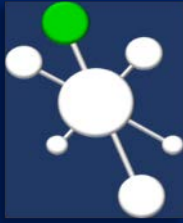
Diagnostic Molecular Pathology is the interrogation of tissue-derived molecules (DNA/RNA/protein) to provide clinically useful information adjunctive to routine histopathological examination. The **MUV Department of Pathology** and the **Nottingham Molecular Pathology Node**, supported by **The Austrian Society of Pathology**, will run the seventh residential training school in Diagnostic Molecular Pathology which will aim to:

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

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.

This programme has been awarded **24 DFP credits** for continuing professional development recognition by the Austrian Medical Chamber.





# Molecular Diagnostics Training School 2020

## Registration & Fees

Please go to the website of the [Department of Pathology](#) to access the [Online Registration Form](#) and [Hotel Booking Forms](#).

Overview:

Fees include course materials, coffee breaks & lunches

<b>Early Bird Registration</b> Deadline for Early Bird discount: <b>29 February 2020</b>	EUR 480
<b>Late Registration</b> <b>01 March – 05 April 2019</b>	EUR 530
<b>Trainee Members ÖGPath</b>	EUR 350

**Optional course dinners** at the restaurant

“Leupold” on Sunday, 26 April 2020.	EUR 35
“Zur Goldenen Kugel” on Monday, 27 April 2020.	EUR 35
“Universitätsbräuhaus” on Tuesday, 28 April 2020.	EUR 35
See <a href="#">Registration Form</a> for details. Drinks are included in this price.	

### Booking information:

Delegates can book their own accommodation with the following hotels (pre-booked rooms at discounted rates available from, please see the available [Booking Forms](#) for details):

- **Boltzmann Hotel:** Contact [reservation@hotelboltzmann.at](mailto:reservation@hotelboltzmann.at);  
phone: +43-1-35450-0 and quote code **MDTS/IATS**.  
Booking deadline: 24 March 2020
- **Atlanta Hotel:** Contact [office@hotelatlanta.at](mailto:office@hotelatlanta.at) and quote code **MDTS 2020**.  
Booking deadline: 24 March 2020

### Bursaries

The MUV Department of Pathology is offering 5 bursaries to support Trainees in exceptional circumstances. These will be allocated upon evaluation of a free-form application and a Letter of motivation and will cover the Early Bird Registration fee. Accommodation and course dinners are not included. [See Registration Form](#) for details.



Monday, 27<sup>th</sup> April 2020**Basics of Molecular Pathology (Pre-analytic, Methods)**

08:30	Registration
08:55	Introduction: Mohammad Ilyas
09:00	The highs / lows and data interpretation of PCR: Mohammad Ilyas
10:30	Refreshments
11:00	Rubbish in = Rubbish out: The importance of template: Abhik Mukherjee
11:30	Next generation sequencing: Principles and platforms: Gregor Hörmann
12:30	Lunch
13:45	Chromogenic in-situ hybridisation: Elizabeth Soilleux
14:15	The liquid biopsy: Michael Speicher
15:00	Refreshments
15:30	Molecular tumour board: Gerald Prager
16:15	Molecular diagnostics in immune-oncology: Alexander Haragan
17:00	TBA: TBA
18.00	Close

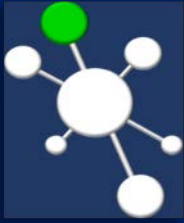
Tuesday, 28<sup>th</sup> April 2020

Data analysis / State of the art / Worked examples

08:30	<b>Day 1 recap (optional):</b> Mohammad Ilyas
09:00	<b>The highs / lows and data interpretation of sequencing:</b> Susan Richman / Antonios Kousounadis
10:30	<b>Refreshments</b>
11:00	<b>Developing NGS work flows for diagnostics:</b> Christoph Bock
11:30	<b>The highs / lows and data interpretation of in-situ hybridisation:</b> Nigel Smith
13:00	<b>Lunch</b>
13:30	<b>Next generation sequencing: Expression analysis:</b> Christine Blancher
14:15	<b>Next generation sequencing and cytogenetics: Worked examples:</b> Martin Bilban, Svitlana Demyanets, Gregor Hörmann, Felicitas Oberndorfer
15:30	<b>Refreshments</b>
16:00	<b>Molecular diagnostics in CNS cancers:</b> Zane Jaunmuktane
16:45	<b>Molecular diagnostics in lung cancers:</b> Leonhard Müllauer
17:30	<b>Molecular diagnostics in lymphoid cancers:</b> Ming Du
18:15	<b>Day 2 recap (optional):</b> Mohammad Ilyas
18:30	<b>Close</b>

Wednesday, 29<sup>th</sup> April 2020**Applied Molecular Diagnostics**

09:00	<b>Molecular diagnostics and gynaecological cancers:</b> Naveena Singh
09:45	<b>Molecular diagnostics in breast cancers:</b> Emad Rakha
10:30	<b>Refreshments</b>
11:00	<b>Co-expressed genes enhance precision of receptor status identification in breast cancer patients:</b> Wolfgang Schreiner
11:45	<b>Molecular diagnostics in male genitourinary cancers:</b> Richard Colling
12:30	<b>Lunch</b>
13:30	<b>Molecular diagnostics in gastrointestinal cancers:</b> Gerald Höfler
14:15	<b>Molecular diagnostics in mesenchymal cancers:</b> Malee Fernando
15:00	<b>Refreshments</b>
15:30	<b>The EU Regulation on In Vitro Diagnostic Medical Devices 2017/746. What does it mean for the Pathologist:</b> Karl Kashofer
16:15	<b>NEQAS – Ensuring standards in molecular diagnostics:</b> Jenni Fairley
16:45	<b>TBA: TBA</b>
17:00	<b>TBA: TBA</b>
17:15	<b>TBA: TBA</b>
17:30	<b>General discussion</b>
18.00	<b>Close</b>



# Digital Pathology & Image Analysis Training School 2020

## Overview

**30<sup>th</sup> April 2020**

Venue: General Hospital of Vienna, Waehringer Guertel 18-20, A-1090 Vienna.

Teaching Centre, Level 7, Conference Room 8

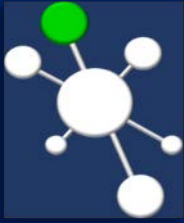
Digital pathology aided by robust image analysis techniques has made great inroads in both diagnostics and research in histopathology. The implementation of whole slide scanning and advances in software and computer processing capacity has profoundly impacted not only routine clinical diagnosis but also molecular testing including bio-banking, molecular profiling and companion diagnostic development. **The MUV Department of Pathology**, supported by **The Austrian Society of Pathology**, and **the Nottingham Molecular Pathology Node** will run the second residential training school in Digital Pathology&Image Analysis here in Vienna, 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.

This programme has been awarded **7 DFP credits** for continuing professional development recognition by the Austrian Medical Chamber.





# Digital Pathology & Image Analysis Training School 2020

## Registration & Fees

Please go to the website of the [Department of Pathology](#) to access the [Online Registration Form](#) and [Hotel Booking Forms](#).

Overview:

Registration include course materials, coffee breaks & lunches	
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DP&IATS attendance is free for MDTS Delegates!	
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	EUR 100
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### Booking information:

Delegates can book their own accommodation with the following hotels (pre-booked rooms at discounted rates available from, please see the available [Booking Forms](#) for details):

- **Boltzmann Hotel:** Contact [reservation@hotelboltzmann.at](mailto:reservation@hotelboltzmann.at);  
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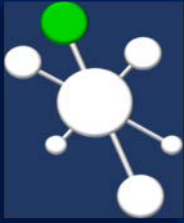


# Digital Pathology & Image Analysis Training School

Thursday, 30<sup>th</sup> April 2020

## Digital pathology and image analysis

08:30	Registration
08:55	Introduction: Mohammad Ilyas
09:00	Image analysis in digital pathology: What are the main challenges: Mohammad Ilyas
09:45	Basics of digital imaging: David Pilutti
10:30	Digital pathology in diagnostic services: Mohammad Ilyas
11:00	Refreshments
11:30	Quantitative histomorphometry: From pixels to diagnosis: Alain Pitiot
12:15	Assessing immunohistochemistry: Scoring methods and pitfalls: Abhik Mukherjee
12:45	Lunch
13:45	Introduction to Computational Pathology for Pathologists: Andrew Janowczyk
14:30	Novel diagnostic tools in translational pathology: Lukas Kenner
15:00	Refreshments
15:30	Pathology image analytics: going beyond visual: Arvydas Laurinavičius
16:15	TBA: Kurt Zatloukal
17:00	TBA: Inspirata
17:15	TBA: TBC
17:30	TBA: TBC
17:45	TBA: TBC
18:00	Wrap up
18:15	Close



## Testimonials

### What delegates said about our previous MDTs / DP&IATS:

«Great and informative, yet intense days!»

«Very good!»

« Fantastic course, very interesting and well-chosen topics»

«Very interesting»

«Super!»

«Excellent!»

«Interesting new probes even for routine and experienced FISHeS»

«Really interesting and relevant for future»

«Great talk!»

«Perfect demonstration of extremely relevant material»

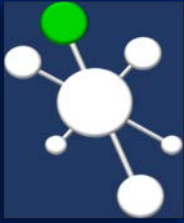


## Get in touch



[gertrude.krainz@meduniwien.ac.at](mailto:gertrude.krainz@meduniwien.ac.at)



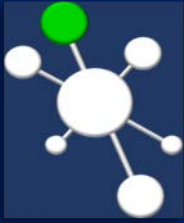


## Our Sponsors

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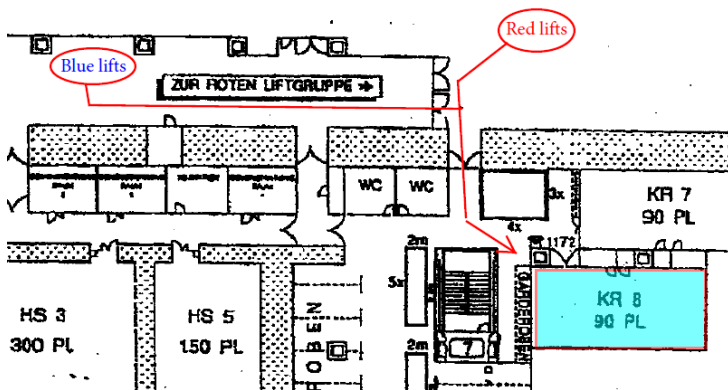
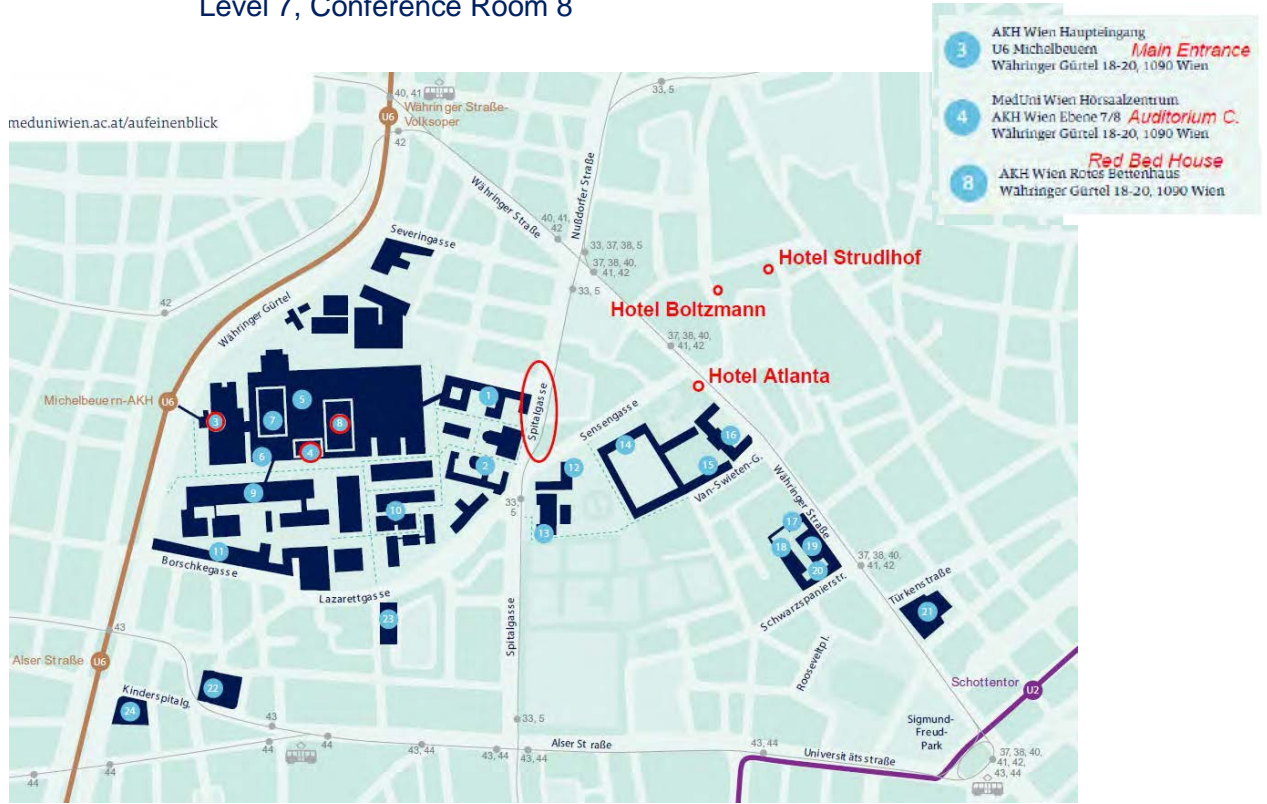




# The Venue

Teaching Centre, General Hospital of Vienna,  
Währinger Gürtel 18-20, 1090 Vienna

## Level 7, Conference Room 8



First find your way to the blue lifts (signposted as “Ambulanzlifte”, and go to Level 07. As you get out of the lift, turn left and follow the signs for the **MDTS 2020/ DP&IATS 2020**)

DEPARTMENT OF PATHOLOGY



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Österreichische Gesellschaft für Pathologie  
Österreichische Division der IAP