

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

Molecular Diagnostics

Training School

13th – 15th May 2019

Image Analysis

Training School

16th May 2019

Vienna, Austria

DEPARTMENT OF PATHOLOGY



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OF VIENNA



Vienna
General Hospital

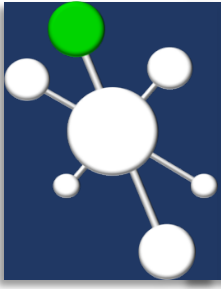


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Supported by the Austrian Society of Pathology





Overview

Molecular Diagnostics Training School 2019

13th – 15th May 2019

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 sixth 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 **xx DFP credits** for continuing professional development recognition by the Austrian Medical Chamber.

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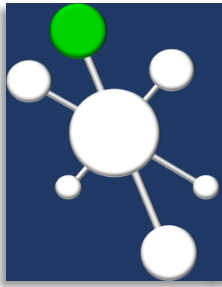


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Österreichische Gesellschaft für Pathologie
Österreichische Division der IAP



Registration & Fees

Please go to the website of the [Department of Pathology](#) to download the Registration Form to register for the MDTs 2019.

Overview:

Early Bird Registration (includes course materials, coffee breaks & lunches). See Registration Form for details. Deadline for Early Bird discount: 24 February 2019	EUR 480
Late Registration (includes course materials, coffee breaks & lunches). See Registration Form for details. 25 February – 31 March 2019	EUR 530
Optional course dinner at the restaurant “Heuriger Pötzleinsdorf” on Sunday, 12 May 2019. (2 or 3 course options, see Registration Form for details. Drinks are included in this price).	EUR 35
Optional course dinner at the restaurant “Zur Goldenen Kugel” on Monday, 13 May 2019. (2 or 3 course options, see Registration Form for details. Drinks are included in this price).	EUR 35
Optional course dinner at the restaurant “Universitätsbräuhaus” on Tuesday, 14 May 2019. (2 or 3 course options, see Registration Form for details. Drinks are included in this price).	EUR 35

Booking information:

Delegates can book their own accommodation with the following hotels (pre-booked rooms at discounted rates available from 11 – 17 May 2019, please see the available [Booking Forms](#) for details):

- **Boltzmann Hotel:** Contact reservation@hotelboltzmann.at; phone: +43-1-35450-0 and quote code **MDTS**. Booking deadline: 8 April 2019
- **Atlanta Hotel:** Contact office@hotelatlanta.at and quote code **MDTS 2019**. Booking deadline: 11 April 2019

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.

Those in receipt of a bursary will be refunded their early bird registration fee following attendance at the event. [See Registration Form for details.](#)

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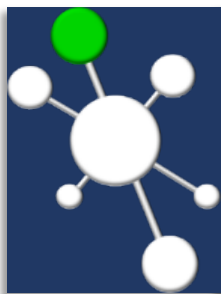


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Molecular Diagnostics Training School

Programme: Day 1

Monday 13th May: 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	Tea / Coffee	
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	Industrial presentation	tba
14:00	Chromogenic in-situ hybridisation	Elizabeth Soilleux
14:30	The liquid biopsy	Leonhard Müllauer
15:15	Tea / coffee	
15:45	Molecular tumour board	Leonhard Müllauer
16:30	Molecular diagnostics in immuno-oncology	Alexander Haragan
17:15	Industrial presentation	TissueGnostics
17:30	Industrial presentation	Nanostring tbc
17:45	Industrial presentation	tba
18:00	Close	

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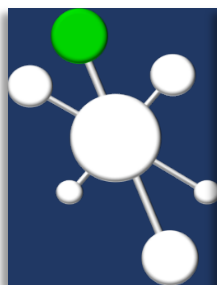


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Molecular Diagnostics Training School

Programme: Day 2

Tuesday 14th May: Data analysis / State of the art / Worked examples

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

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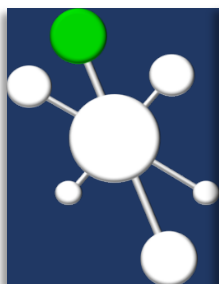


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Molecular Diagnostics Training School

Programme: Day 3

Wednesday 15th May: Applied Molecular Diagnostics

09:00	Molecular diagnostics in gynaecological cancers	Simon Herrington
09:45	Molecular diagnostics in male genitourinary cancers	Clare Verrill
10:30	Tea / Coffee	
11:00	Molecular diagnostics In breast cancers	Emad Rakha
11:45	Co-expressed genes enhance precision of receptor status identification in breast cancer patients	Wolfgang Schreiner
12:30	Lunch	
13:30	Molecular diagnostics In gastrointestinal cancers	Gerald Höfler
14:15	Molecular diagnostics in mesenchymal cancers	Nischalan Pillay
15:00	Tea / coffee	
15:30	In-Vitro Diagnostic Devices Directive (98/79/EC) What does it mean for the Pathologist	Klaus Kashofer
16:15	NEQAS – Ensuring standards in molecular diagnostics	Jenni Fairley
16:45	Title tba	Christian Schweiger
17:30	Title tbc	Howard Martin - tbc
18:00	Close	

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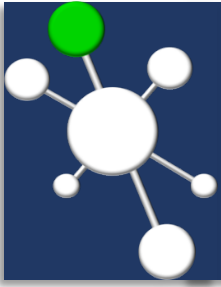


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Overview

Image Analysis Training School 2019

16th May 2019

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 first residential training school in 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 **xx DFP credits** for continuing professional development recognition by the Austrian Medical Chamber.

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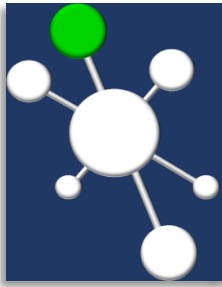


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Registration & Fees

Please go to the website of the [Department of Pathology](#) to download the Registration Form to register for the IATS 2019.

Overview:

Registration (includes course materials, coffee breaks & lunches).	EUR 100
IATS attendance is free for MDTs Delegates!	

Booking information:

Delegates can book their own accommodation with the following hotels (pre-booked rooms at discounted rates available from 11 – 17 May 2019, please see the available **Booking Forms** for details):

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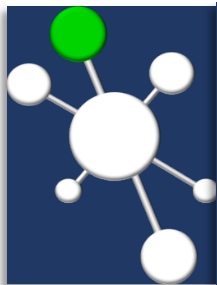


Image Analysis Training School Programme

Thursday 16th May: Digital pathology and image analysis

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	Vincenzo Della Mea
10:30	Digital pathology in diagnostic services	Mohammad Ilyas
11:00	Tea / coffee	
11:30	Quantitative histomorphometry: From pixels to diagnosis	Alain Pitiot ILIXA
12:15	Spatial reasoning for histological imaging	Gabriel Landini
13:00	Lunch	
14:00	Assessing immunohistochemistry: Scoring methods and pitfall	Abhik Mukherjee
14:30	Title tba	Lukas Kenner
15:00	Tea / coffee	
15:30	tbc	tbc
16:00	Industrial presentation	Inspirata
16.15	Image Cytometry 2020 - From HE to Expansion-Based Super Resolution	TissueGnostics
16:45	Pathology image analytics: going beyond visual	Arvydas Laurinavičius
17:30	tba	tbc
17:45	Wrap up	
18:00	Close	

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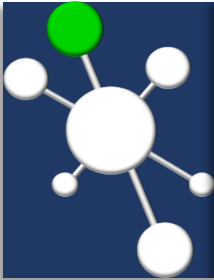


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Testimonials

What delegates said about the 2018 MDTs:

«Great and informative, yet intense days!»

«Very good!»

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

«Very interesting»

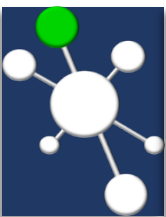
«Excellent!»

«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

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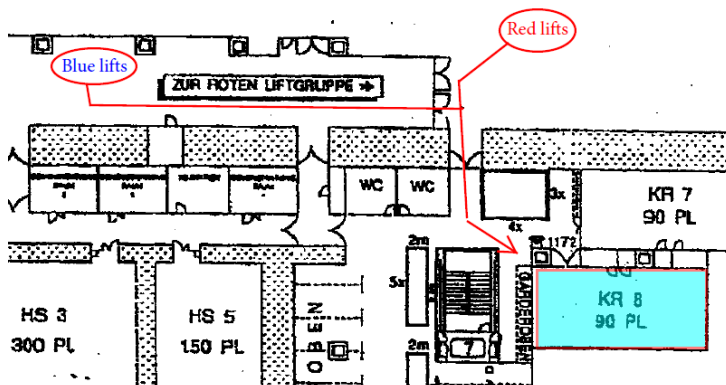


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3 AKH Wien Haupteingang
U6 Michelbeuern *Main Entrance*
Währinger Gürtel 18-20, 1090 Wien

4 MedUni Wien Hörsaalzentrum
AKH Wien Ebene 7/8 *Auditorium C*
Währinger Gürtel 18-20, 1090 Wien

8 AKH Wien Rotes Bettenhaus
Red Bed House
Währinger Gürtel 18-20, 1090 Wien



First find your way to the blue lifts (signposted as “Ambulanzzlifte”, and go to Level 07. As you get out of the lift, turn left and follow the signs for the **MDTS 2019/ IATS 2019**)