

## Registration

Manuela Jacobsen, Leica Biosystems

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Deadline for registration is **October 29<sup>th</sup>, 2016**.

Fee for the workshop is 250,- € per person (excl. VAT). Including teaching documentation and catering (lunch, dinner, coffee breaks). Not included are accommodation and travel costs.

The number of participants is limited to 12 persons (minimum of participants is 4).

Cancellation policy: No refund after November 2nd, 2016.

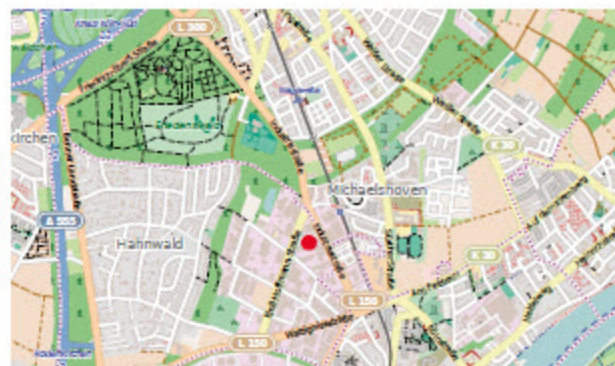
## Workshop location



Institute of Pathology, Department of Molecular Pathology,  
MZV ZPZ Cologne, Emil-Hoffmannstrasse 7a  
(located 30 min by underground railway from Cologne  
Central Station, 30 min by car from Cologne/Bonn Airport)

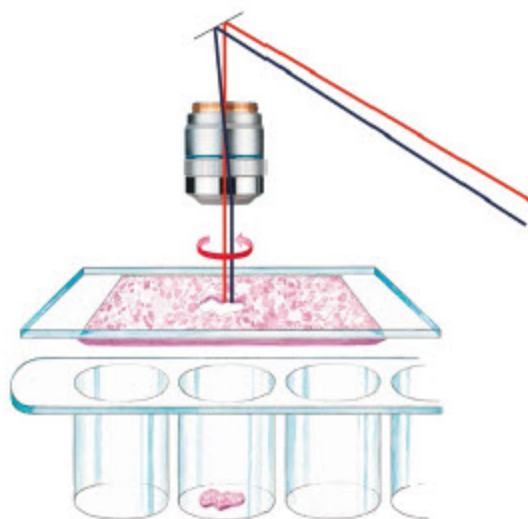
## Certification (Germany only)

Apply for certification with 20 points at the local medical  
association in charge.

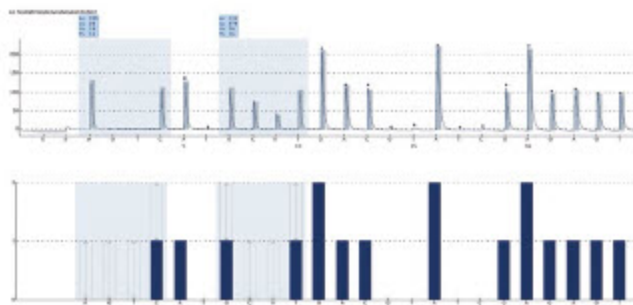


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## KRAS/NRAS Mutation Screening using Pyrosequencing



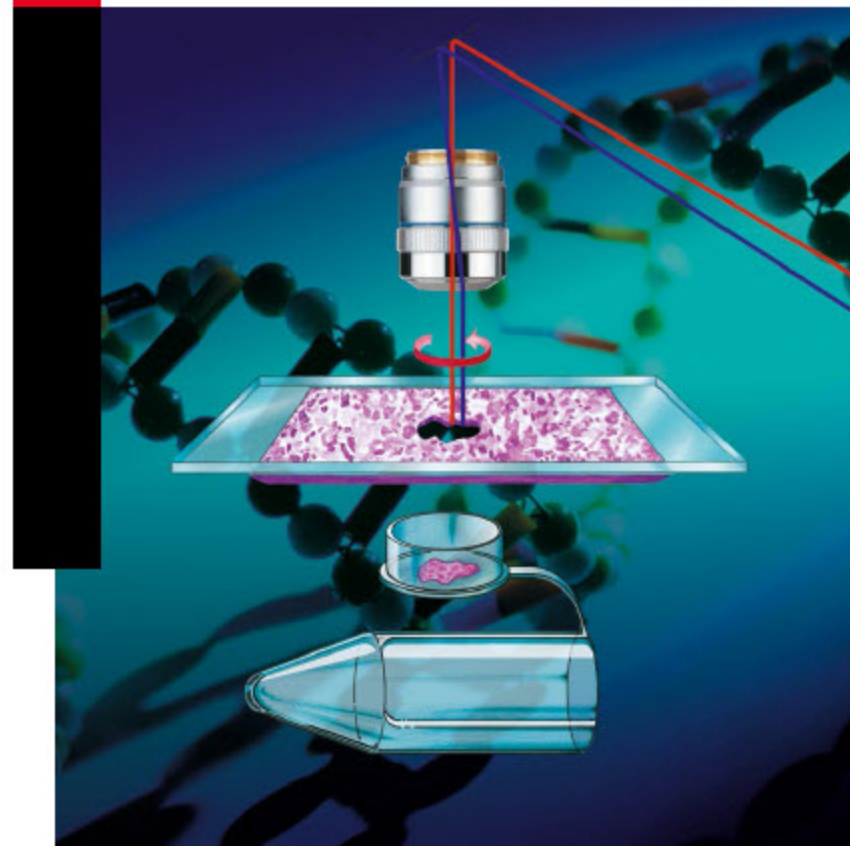
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Workshop

## Laser Microdissection and Specimen Preparation in Practice

Impact on KRAS/NRAS Mutation Analysis

November 11<sup>th</sup> and 12<sup>th</sup>, 2016  
MVZ ZPZ Cologne, Germany

# Laser Microdissection and Specimen Preparation in Practice

## Impact on KRAS/NRAS Mutation Analysis

FRIDAY, NOVEMBER 11<sup>TH</sup>, 2016

13:00 – 13:15  
Opening remarks  
*Dr. med. Wiedom*

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13:15 – 14:00  
Specimen preparation – considerations, tips and tricks for specimen preparation especially for laser microdissection  
*Volker Horvat*

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14:00 – 14:30  
Nucleic acid extraction applying the magnetic beads technology on the KingFisher mL  
*Dr. med. Wiedom*

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14:30 – 15:00  
Slides and consumables for laser microdissection  
*Volker Horvat*

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15:00 – 15:15  
*Coffee break*

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15:15 – 17:15  
Workshop: Specimen preparation  
*Dr. med. Wiedom, Volker Horvat*

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17:15 – 18:00  
KRAS/NRAS Mutations analysis (part 1)  
*Dr. med. Wiedom*

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18:00 – 19:45  
Workshop: Setting up nucleic acid extraction  
*Dr. med. Wiedom*

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20:00  
Dinner

# KRAS/NRAS Mutation Analysis

## Using Pyrosequencing

SATURDAY, NOVEMBER 12<sup>TH</sup>, 2016

08:30 – 9:30  
Workshop: Setting up PCR for KRAS/NRAS mutation screening  
*Dr. med. Wiedom*

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9:30 – 10:00  
Workshop: Nucleic acid extraction applying the magnetic beads technology on the KingFisher mL (part 1)  
*Dr. med. Wiedom*

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10:00 – 11:00  
KRAS/NRAS mutation analysis (part 2)  
*Dr. med. Wiedom*

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11:00 – 11:15  
*Coffee break*

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11:15 – 11:45  
Workshop: Nucleic acid extraction applying the magnetic beads technology on the KingFisher mL (part 2)  
*Dr. med. Wiedom*

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11:45 – 12:00  
Workshop: Detection of PCR products using the Agilent Bioanalyzer  
*Dr. med. Wiedom*

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12:00 – 12:35  
KRAS/NRAS mutation screening using PyroSequencing  
*Dr. med. Wiedom*

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12:35 – 12:45  
Setting up KRAS mutation testing using the Idylla system  
*Jochen Schuck*

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12:45 – 13:15  
*Lunch*

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13:15 – 14:15  
Workshop: Setting up KRAS/NRAS pyrosequencing  
*Dr. med. Wiedom*

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14:15 – 14:45  
Alternative procedures (Sanger-Sequencing, MicroArray)  
*Dr. med. Wiedom*

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14:45 – 15:15  
2h KRAS Mutation Testing using the Idylla System  
*Jochen Schuck*

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15:15 – 15:45  
Workshop: KRAS/NRAS mutation analysis, interpretation of the results, discussion (part 1)  
*Dr. med. Wiedom*

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15:45 – 16:00  
*Coffee break*

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16:00 – 17:00  
Workshop: KRAS/NRAS mutation analysis, interpretation of the results, discussion (part 2)  
*Dr. med. Wiedom*

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17:00 – 18:00  
Workshop: Laser Mikrodisektion  
*Volker Horvat, Dr. med. Wiedom*

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18:00 – 18:15  
Wrap-up

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### Speakers in alphabetical order:

- > Volker Horvat, Leica Biosystems
- > Jochen Schuck, Biocartis NV
- > Dr. med. Klaus Hermann Wiedom, Institute of Pathology, MVZ ZPZ Köln

### Workshop location:

Institute of Pathology  
Department of Molecular Pathology  
MZV ZPZ Cologne  
Emil-Hoffmannstrasse 7a  
50996 Cologne  
Germany