

Microbiological Identification

Hands-on Laboratory Training Course

SPEAKERS:



Barbara Gerten
Merck KGaA



Prof. Dr. Diana Graubaum
*Beuth University of Applied
Sciences, Berlin,*



Alexander Bartes
Roche Diagnostics

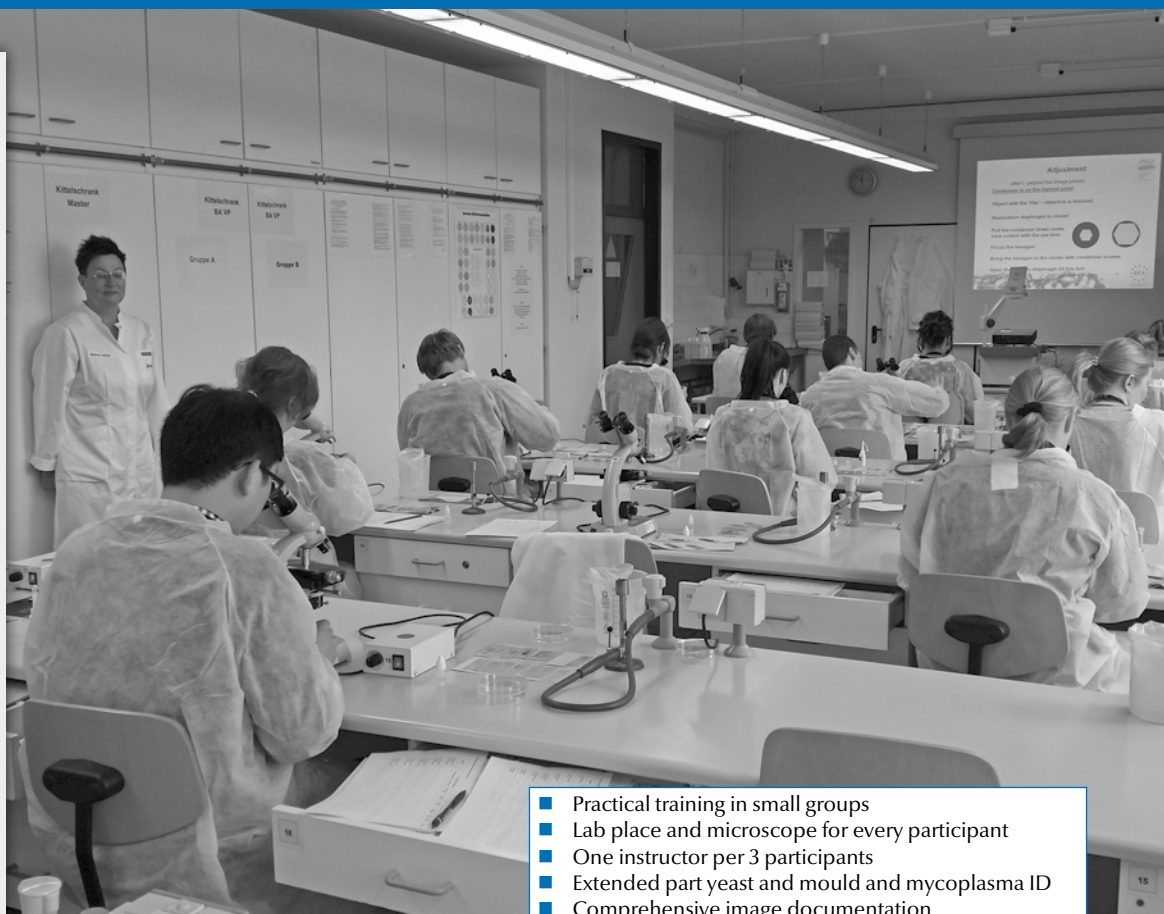
Hilke Hubert
Bruker, Germany



Martina Heldt
*Beuth University of Applied
Sciences, Berlin*



Beate Rücker
*Beuth University of Applied
Sciences, Berlin*



- Practical training in small groups
- Lab place and microscope for every participant
- One instructor per 3 participants
- Extended part yeast and mould and mycoplasma ID
- Comprehensive image documentation

From biochemical to genotypic to mass spectrometric methods

21-23 March 2018, Berlin, Germany

LEARNING GOALS:

- Introduction into the microscopy and identification of micro organisms
- Processing and evaluation of prepared cultures from different areas, e.g. environmental monitoring, water
- Preparation of pure cultures
- Identification with
 - manual biochemical methods
 - molecular genetic rapid methods using the example of Mycoplasma detection
 - MALDI-TOF MS
- Basic knowledge yeast and moulds identification
- Beneficial literature and helpful addresses



Microbiological Identification – Hands-on Laboratory Training Course

21-23 March 2018, Berlin, Germany

Objectives

You will learn how to recognise microbiological cultures. You will further get to know classical procedures for the selection and identification and how to analyse the microbiological concept. In addition you will get an insight into the needed media and in modern rapid methods.

Due to the **limited number of participants** and the **supervision by experienced lab staff** you will be able to do the work, to employ the methods and to make the analyses yourself. For that purpose there will be **lab places with microscopes in the S2 lab for every participant**. Accompanying presentations and a comprehensive documentation will provide the necessary knowledge base.



Background

Microbiological trainings are commonly based on presentations or theoretical workshops. Quite frequently there is either no advanced practical training at all or it is only very limited.

This completely new designed lab course is supposed to be an extension of the microbiological seminars as part of the GMP Certification Programme “Microbiological Laboratory Manager”.

Target Audience

Personnel from labs for

- Quality Control
- Hygiene
- Monitoring

with basic microbiological knowledge.

Special thanks for supporting this course goes to BioMérieux, Bruker, Merck, Roche Diagnostics and Dr. Weigert GmbH.

Programme

Wednesday 21 March 2018, 09.30-18.00 h

- Welcome and organisational issues
- Basic knowledge identification of microorganisms
- Handling and examination of prepared cultures (different samples e.g. environmental monitoring, water on contact plates, swabs, membranes)
- Preparation of pure cultures
- Introduction into the work with microscope and identification of microorganisms including staining procedures
- Practice of biochemical rapid tests

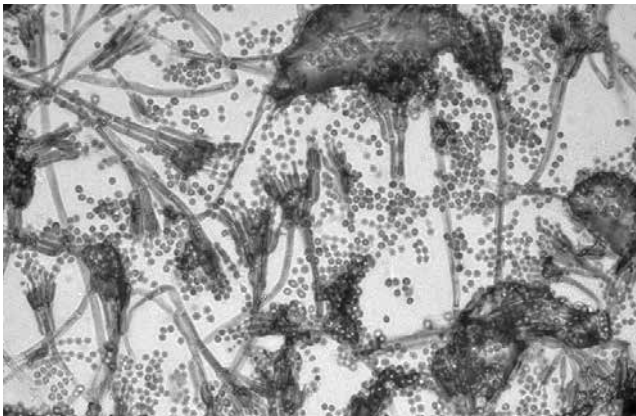
Thursday, 22 March 2018, 08.30-18.00 h

- Overview Molecular genetic methods and Mycoplasma detection
- Identification with Maldi-TOF MS
- Practice in manual biochemical identification methods (Multi-Test-Systems, additional tests and special media, e.g. chromogenic media using the prepared cultures)
- Practice in molecular genetic rapid methods using the example of Mycoplasma detection
- Practice in identification of bacteria, yeast and moulds by MALDI-TOF MS using the prepared cultures



Friday, 23 March 2018, 08.00-15.30 h

- Analysis of the results from molecular genetic rapid methods, MALDI-TOF MS and manual biochemical methods
- Consolidation and discussion of all results from bacterial identification
- Basic knowledge and practice of yeast and moulds identification including microscopy
- Beneficial literature and helpful addresses



Social Event

In the evening of the first course day, you are cordially invited to a social event. This is an excellent opportunity to share your experiences with colleagues from other companies in a relaxed atmosphere.



Speakers



Alexander Bartes

Roche Diagnostics, Penzberg, Germany

Alexander Bartes studied chemical engineering with emphasis on biotechnology and genetic engineering at the University of Applied Science Aachen/Jülich, Germany. After completion of his master thesis at Roche Bioscience, Palo Alto, CA, USA he joined Roche Diagnostics, Penzberg in 2002. From 2009 to 2014 he was Manager R&D. He was responsible for the development of qPCR/NAT based assays and Kits for Roche Applied Science Custom Biotech. Currently he worked at Roche in the Microbiology QC department.



Barbara Gerten

Merck KGaA, Darmstadt, Germany

After her studies in microbiology and biochemistry, Barbara Gerten was employed in different companies responsible for Quality Control and Research and Development. Since 2008 she is working at Merck KGaA in different positions. She is a member in several national and international bodies of microbiological topics in ISO and CEN and a member of ECAs Microbiology advisory board.



Prof Dr Diana Graubaum

Beuth University of Applied Sciences, Berlin

Diana Graubaum studied veterinary medicine at the Free University Berlin. She got her degree in 2003 and worked since 2001 as scientist at the FU Berlin. Currently she is the Head of Section V Food Microbiology at the University for Applied Sciences.

Hilke Huber

Bruker Daltonik, Germany

After an apprenticeship as technical lab assistant Hilke Hubert worked in labs at the Landesamt für Gesundheit und Lebensmittelsicherheit in Oberschleißheim and at the Institute of Microbiology and Infectiology, LMU in Munich. Since 2015 she has been working as an Application Specialist for the MALDI Biotyper at Bruker Daltonik in Bremen. This includes customer trainings, support for MALDI Biotyper users and mentoring of studies associated with the use of mass spectrometry in microbiology.

Easy Registration



Reservation Form:
CONCEPT HEIDELBERG
P.O. Box 10 17 64
69007 Heidelberg
Germany



Reservation Form:
+ 49 6221 84 44 34



e-mail:
info@concept-heidelberg.de



Internet:
www.gmp-compliance.org



+ 49 6221 84 44 34

Microbiological Identification – Hands-on Laboratory Training Course, 21-23 March 2018, Berlin, Germany

Reservation Form (Please complete in full)

Mr. Ms.

Title, first name, surname

Company

Department

Important: Please indicate your company's VAT ID Number

PO Number if applicable

Street/P.O. Box

City

Zip Code

Country

Phone/Fax

E-Mail (please fill in)

CONCEPT HEIDELBERG
P.O. Box 101764
Fax +49 (0) 62 21/84 44 34

D-69007 Heidelberg
GERMANY

General terms and conditions

If you cannot attend the conference you have two options:

1. We are happy to welcome a substitute colleague at any time.

2. If you have to cancel entirely, we must charge

the following processing fees: Cancellation

- until 2 weeks prior to the conference 10 %

- until 1 week prior to the conference 50 %

- within 1 week prior to the conference 100 %.

CONCEPT HEIDELBERG reserves the right to change the materials,

instructors, or speakers without notice or to cancel an event. If the

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ble and will receive a full refund of fees paid. CONCEPT HEIDELBERG

will not be responsible for discount airfare penalties or other costs

incurred due to a cancellation.

Terms of payment: Payable without deduc-

tions within 10 days after receipt of invoice.

Important: This is a binding registration and above fees are due in

case of cancellation or non-appearance. If you cannot take part,

you have to inform us in writing. The cancellation fee will then be

calculated according to the point of time at which we receive your

message. In case you do not appear at the event without having

informed us, you will have to pay the full registration fee, even if

you have not made the payment yet. Only after we have received

your payment, you are entitled to participate in the conference

(receipt of payment will not be confirmed!) (As of January 2012)

German law shall apply. Court of jurisdiction is Heidelberg.

Privacy Policy: By registering for this event, I accept the processing

of my Personal Data. Concept Heidelberg will use my data for the

processing of this order, for which I hereby declare to agree that my

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send me information in relation with this order or similar ones. My

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vacancy policy at http://www.gmp-compliance.org/eca_privacy.html).

I note that I can ask for the modification, correction or deletion of my

data at any time via the contact form on this website.

Date

Wednesday, 21 March 2018, 09.30 – 18.00 h
(Registration and coffee 09.00 - 09.30 h)
Thursday, 22 March 2018, 08.30 -18.00 h
Friday, 23 March 2018, 08.30 – 15.30 h

Venue of the hands-on Laboratory Training Course:

Beuth Hochschule für Technik, Labor für Lebensmittel
Mikrobiologie (Beuth University of Applied Science, Labora-
tory for Food Microbiology)
Forum Seestraße, Seestraße 64, 13347 Berlin, Room FS 338

Special remark: By the law of the hosting country, working in
a S2 Laboratory during pregnancy is not allowed. Therefore,
pregnant participants will be excluded from attendance.

Hotel (Overnight stay only)

InterCityHotel Berlin Hauptbahnhof
Steigenberger Hotel Group
Katharina-Paulus-Straße 5
10557 Berlin, Germany
Phone +49 (0) 30 288 755 0
Fax +49 (0) 30 288 755 900

Daily bus transfers
from the hotel to
the laboratory and
back are included.

Fees (per delegate plus VAT)

ECA Members € 2,290
APIC Members € 2,390
Non-ECA Members € 2,490
EU GMP Inspectorates € 1,245

The conference fee is payable in advance after receipt of in-
voice and includes conference documentation, lab materi-
als, bus transfer from hotel to laboratory, dinner on the first
day, lunch on all three days and all refreshments. VAT is re-
claimable.

Accommodation

CONCEPT has reserved a limited number of rooms in the
conference hotel. You will receive a room reservation form
with all further information when you have registered for the
course. Early reservation is recommended.

Registration

Via the attached reservation form, by e-mail or by fax mes-
sage. Or you register online at www.gmp-compliance.org.

Organisation and Contact

ECA has entrusted CONCEPT HEIDELBERG with the
organisation of this event.
CONCEPT HEIDELBERG
P.O. Box 10 17 64, 69007 Heidelberg, Germany
Phone +49 (0) 62 21/84 44-0 | Fax +49 (0) 62 21/84 44 34
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For questions regarding content:

Mr Axel Schroeder (Operations Director)
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schroeder@concept-heidelberg.de.

For questions regarding reservation, hotel, organisation etc.:

Mr Rouwen Schopka (Organisation Manager)
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schopka@concept-heidelberg.de.