

*Now  
Online!*

ONLINE-WORKSHOPS

## Evaluation of Pesticides and Contaminants

Meeting demands of retailers and discounters

# Lach & Bruns Online-Workshops

Programme April to November 2021



## EVALUATION OF PESTICIDES AND CONTAMINANTS

Our Online-Workshops are now also available in English language: Starting with a series of 4 workshops, we present the recurring topic of the evaluation of pesticides and contaminants.

Online-Workshops offer almost all advantages of traditional seminars when their size is kept small:

A limited number of participants and the direct exchange with experts via a professional videoconference platform guarantee intensive training and clarification of routine questions, without leaving your workplace.

Please find our topics related to the field of "Evaluation of pesticides and contaminants" until November 2021 on page 4.

Choose the topics you are interested in or book all 4 workshops at once.

**4x 3 hours**  
of information & training  
at your desk

When it comes to the evaluation of analytical results of pesticides and contaminants, not only legal requirements have to be met.

As food traders often have to fulfil specifications set by retailers and discounters as well, this compliance has to be checked by laboratories, too.

In order to do so, detailed knowledge about the legal evaluation as well as about the toxicological evaluation of pesticide results have to be at hand.

Besides pesticides, the interpretation of contaminant results, from nitrate to heavy metals, can be tricky as well, especially when a toxicological evaluation is necessary.

With the help of this series of Online-Workshops, you will gain safety in assessing the results of pesticides and contaminants.

## PARTICIPANTS

The Online-Workshops address responsible operators of

- analytical laboratories
- food trading companies
- retailers and discounters

who are involved in the evaluation of pesticides' and contaminants' results and the application of retailers' specifications.

## BENEFITS

- personal and individual due to a small group of participants
- discussion of cases from routine experiences
- live discussion, orally or via chat with the speakers
- training unit at your desk
- no travel, no expenses for accommodation



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## THE WORKSHOPS WILL BE HELD BY:



**Dr. Silke Bruns**

*Examined Food Chemist  
Partner of Lach & Bruns  
Partnership*

Key activities: International hands-on experience in the quality assurance of (organic) food products and (natural) cosmetics. Organisation, execution and evaluation of laboratory competence tests as well as evaluation of food law competencies (related to pesticides, contaminants, food labelling).



**Dr. Günter Lach**

*Analytical Chemist  
Partner of Lach & Bruns  
Partnership*

Key activities: Experiences in the management of private laboratories (pesticides and contaminants) as well as extensive experience in analytical and foodregulatory assessment, especially in the area of organic products. Member of the scientific advisory council of the BNN e.V.



**Dr. Andreas-Sascha Wendt**

*Examined Food Chemist  
Partner of Lach & Bruns  
Partnership*

Key activities: Quality assurance of fresh and processed fruits and vegetables, organic foods, legal and toxicological evaluation of pesticides and contaminants, based on long-term experiences in private labs. Organisation and execution of Competence Schemes (assessment of evaluation performances).

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## OUR TOPICS THIS YEAR:

### *Evaluation of pesticides and contaminants*

#### Legal evaluation of pesticide residues

Maximum Residue Levels (MRL)

Residue definitions

Metabolites

Consideration of measurement uncertainty

Compliance with legal requirements

Evaluation of organic samples

Further aspects

- **Wednesday, 14<sup>th</sup> April 2021, 11:00 to 15:00**

#### Toxicological evaluation of pesticide residues

Acute Reference Dose (ARfD):  
approach, meaning and conclusion

EFSA Pesticide Residue Intake Model  
(PRIMo 3.1)

Structure of PRIMo database

Application of PRIMo (real-life examples)

- **Wednesday, 9<sup>th</sup> June 2021, 11:00 to 15:00**

#### Legal and toxicological evaluation of contaminants

Maximum levels (ML)

Acute and chronic toxicity

Handling of cancerogenic substances

ADI, MoE and other key figures

- **Wednesday, 13<sup>th</sup> October 2021, 11:00 to 15:00**

#### Specifications of retailers and discounters

Exhaustion of MRL (single and sum)

Exhaustion of ARfD (single and sum)

Max. number of compounds

Black lists for pesticides

Authorisation status

Handling of changes of ARfD levels

- **Wednesday, 10<sup>th</sup> November 2021, 11:00 to 15:00**

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## AGENDA OF EACH WORKSHOP

**11:00 Presentation of the topics by Lach & Bruns**

12:30 Lunch break

### **13:30 Workshop**

- work on practical examples
- live discussion of your submitted questions
- Time for questions
- Short conclusion

### **15:00 End of workshop**

Afterwards: provision of presentation and short protocol of practical part

Approx. total duration per workshop: 180 min. (excluding lunch break)

## TECHNICAL REQUIREMENTS

For participation, the following technical equipment should be at hand:

- PC or laptop
- Internet access
- Loudspeakers and microphone (headset recommended)

## DATES UNTIL NOVEMBER 2021

**Wed, 14<sup>th</sup> April 2021**

Legal evaluation of pesticide residues

**Wed, 09<sup>th</sup> June 2021**

Toxicological evaluation of pesticide residues

**Wed, 13<sup>th</sup> October 2021**

Legal and toxicological evaluation of contaminants

**Wed, 10<sup>th</sup> November 2021**

Specifications of retailers and discounters

## THE SMALL PRINT

We reserve the right to modify the programme to a minor degree as well as to cancel a workshop in case the minimum required number of participants is not reached.

## REGISTRATION

Please use the registration form on page 6.

You can register for one or more workshops at once. If the maximum number of participants is exceeded for a workshop, the participation is based on the order of registrations.

**Deadline for registration** and for sending in your questions: 2 weeks prior to each workshop

**Number of participants: 4 to max. 8**

Price per single workshop:

**495 Euro per participant**

**Special offer for all 4 Online-Workshops:**

**1.790 Euro**

All prices excluding VAT

## QUESTIONS?

Please contact

Dr. Andreas-Sascha Wendt

as.wendt@lach-bruns.de

phone +49 3322 42 97 353

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## REGISTRATION FORM (to be filled in electronically)

Name of participant

E-mail

Phone

Company

Street, house number

Post code (ZIP), city

Country

Differing invoice address (if applicable)

E-mail address for electronic invoice

VAT-Nr. (EU only, outside Germany)

Internal reference number (if applicable; will appear on invoice)

## I take part in the following Lach & Bruns Campus Online-Workshop(s):

- ☐ 14<sup>th</sup> April 2021: Legal evaluation of pesticide residues
- ☐ 09<sup>th</sup> June 2021: Toxicological evaluation of pesticide residues
- ☐ 13<sup>th</sup> October 2021: Legal and toxicological evaluation of contaminants
- ☐ 10<sup>th</sup> November 2021: Specifications of retailers and discounters

*Each workshop starts at 11:00 and ends at 15:00, including a lunch break of 1 hour*

*Price per participation: 495 Euro (excl. VAT)*

*Participation in all 4 workshops: 1.790 Euro (excl. VAT)*

## REGISTRATION

Please send your filled-in form by e-mail to  
[info@lach-bruns.de](mailto:info@lach-bruns.de)

### Deadline:

2 weeks prior to each Online-Workshop

**Maximum number of participants per Online-Workshop: 8**

### Data privacy statement:

<http://www.lach-bruns.de/en/datenschutzerklaerung/>