

# QUALITY EDUCATES.



**QUALITY WORKS.**

**LANXESS**  
Energizing Chemistry

## Food & Biomolecules Symposium

Technical training on the use of ion exchange resins and adsorbents for sugar and biomolecules applications

**NOVEMBER  
13 & 14<sup>th</sup>  
2023**

### Key highlights

- Basics of ion exchange resin technology for sugar and biomolecules applications
- Insight into softening, inverted and non-inverted liquid sugar, and sugar decolorization
- **Lewatit®** ion exchange resins and adsorbents for downstream processing, such as capture, purification, and chromatography of biomolecules deriving from fermentation and natural extracts
- Lab tour to LANXESS Liquid Purification Technologies application service, research and innovation, and quality control labs
- Get-together and “Cologne cuisine” networking dinner

### Who should attend?

Technology leaders, scientists, engineers, plant managers, and technical operators of ion exchange processing in the food and biomolecules industry, and suppliers.

### Why attend?

- Get a deeper understanding of ion exchange resin and adsorber technology
- Engage with experts in ion exchange resins and adsorbents for food and biomolecules applications
- Resolve common challenges around resin-related processes in food and bioprocessing operations
- Get supported in terms of commercial progress and successful large-scale bioprocessing
- You will get an attendance certificate



**Register here: Scan QR code and fill out registration form on our website**

<https://lanxess.com/en/Products-and-Brands/Brands/Lewatit/Food-and-Health-Symposium-2023>

**X Lewatit®**

## Agenda Day 1, 13.11.2023

- 8:30 AM Check-in
- 9:00 AM Welcome and introduction
- 9:30 AM **Lewatit®** Ion exchange resins (IXR) for sugar refining, Dr. Nadja Hermsdorf
- 10:00 AM **Lewatit®** IXR for biomolecules capture and purification – Basics, Dr. Jenny Böttger
- 10:30 AM Refreshment break
- 10:45 AM Guest speaker session
- 11:30 AM Refreshment break
- 11:45 AM Thin juice softening with **Lewatit®** IXR, Dr. Nadja Hermsdorf
- 12:15 PM **Lewatit®** IXR for biomolecules capture and purification – Application dive, Dr. Jenny Böttger
- 12:45 PM Interactive lunch
- 2:00 PM Non-inverted and inverted liquid sugar processing with **Lewatit®** IXR – in-parallel 1-on-1 biomolecules sessions
- 3:00 PM Refreshment break
- 3:15 PM Liquid sugar decolorization with **Lewatit®** IXR – In-parallel 1-on-1 biomolecules sessions
- 4:00 PM Wrap-up with summary and closing remarks
- 6:30 PM Kölsch reception and networking
- 7:00 PM Dinner (preregistration necessary)

## Agenda Day 2, 14.11.2023

Preregistration necessary due to limited capacity

Short introduction: Attendees get insight into LPT's technical capabilities, quality consistency, and innovative power.

- 8:00 AM Depart for VIP lab tour
- 9:30 AM Visit to Application Service labs
- 10:15 PM Visit to Research & Innovation labs
- 11:00 AM Visit to Quality Control labs
- 12:00 PM Lunch
- 2:00 PM Tour ends and depart for hotel

**Registration is open now. An attendance certificate will be awarded after successful participation.**

### Full 2 Days Ticket

includes day 1, day 2 and dinner

**€ 350**

### Symposium Ticket

includes day 1 and dinner

**€ 250**

**If you have any questions, please reach out to us: [nadja.hermsdorf@lanxess.com](mailto:nadja.hermsdorf@lanxess.com)**

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