



# Skyline Tutorial Webinar #25

Welcome to the next in the series of tutorial webinars designed to help you get the most out of Skyline mass spectrometry software.

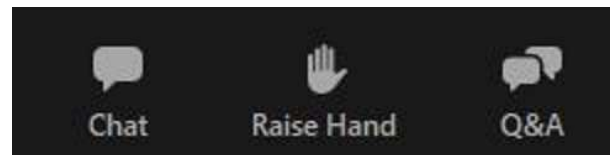
We'll begin shortly ...

- **Webinar Audio:** Make sure you have audio during the webinar.

Click **Audio Settings** in the lower left-hand corner of the screen :

- Computer audio (preferred) – through your computer's speakers or a headset
- Phone call (US and International numbers available) By phone, use conference ID: **947 5347 5038**

**\*\*Note: we currently have music playing which you should be able to hear.\*\***



- **Submit Skyline Questions:** the Q&A form in Zoom to submit Skyline questions to the presenters
- **Have logistic issues?** Use the **Chat** applet in Zoom for report webinar software (Zoom) issues or other problems.



Tutorial Webinar #25

# Comparing Acquisition Methods with Skyline

With

Brendan MacLean (Principal Developer, Skyline)

**Julia Mergner (Proteomics Researcher, TUM)**

Mark Belanger (Project Manager, Skyline)



# Agenda

- Welcome 687 registered, from the Skyline team!
- Comparing Acquisition Methods with Skyline
  - Introduction with **Brendan MacLean**
  - Presentation and Tutorial with **Julia Mergner**

# Julia Mergner - Research



- PhD at Technical University of Munich – Plant Biochemistry
  - Ubiquitin-like proteins
  - Ubiquitin regulation
- Post-doc at Technical University of Munich in Küster lab
  - LC-MS
  - Tissue map of the Arabidopsis proteome
- Center leader Proteomics core facility at TUM University hospital
  - Targeted and untargeted proteomics

# Julia Mergner – Teaching Skyline



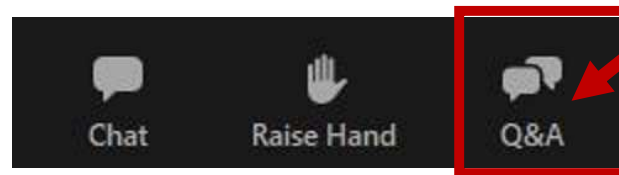
- 2021 & 2023 – Instructor at EMBO Practical Course: Quantitative proteomics and tools to probe biology
  - Skyline tutorial on DIA/SWATH data analysis
- 2024 – March – German Society of Mass Spectrometry Conference Workshop at TUM
  - New Skyline acquisition method tutorial presented
- 2024 – September – BMSS/BSPR Conference Workshop at Warwick U.
  - Brendan presented and taught Julia's tutorial

# Julia Mergner - Today

- Presentation
- Tutorial
  - Targeted evaluation of DDA search results
  - Targeted evaluation of DIA search results
  - PRM data analysis
  - Building spectral libraries

# Questions?

- Ask any questions at the Q&A form in Zoom:



- Take the post-webinar survey:

<https://skyline.ms/survey4webinar.url>

The logo features a blue silhouette of a city skyline with a prominent tower on the left, set against a blue gradient background that tapers to the right.

# Skyline Tutorial Webinar #25

This ends this Skyline Tutorial Webinar.

Please give us feedback on the webinar at the following survey:

<https://skyline.ms/survey4webinar.url>

A recording of today's meeting will be available shortly at the Skyline website.

We look forward to seeing you at a future Skyline Tutorial Webinar.