

## iSLS9 Round table 'Clinical Mass Spectrometry: How does it look like in Reality?'

**Date & Time:** Thur 4<sup>th</sup> March 2021, 1-2pm Singapore

**Access:** online via the iSLS9 platform. This round table is free of charge for all registered participants of iSLS9. To express your interest, please contact [anne.bendt@nus.edu.sg](mailto:anne.bendt@nus.edu.sg)

**Organizer & Chair:** Anne K Bendt, Principal Investigator, Life Sciences Institute, National University of Singapore; Associate Director of SLING.

**Speaker:** Grace van der Gugten, Assay Development Specialist, St Paul's Hospital in Vancouver, BC, Canada. Global Practical Training coordinator, MSACL.

### Agenda:

What *exactly* happens in a clinical chemistry mass spec lab?

Hear it straight from the LC-MS/MS wizard Grace van der Gugten, who has spent over a decade making various challenging assays work for the busy St Paul's mass spectrometry laboratory, analysing hundreds of thousands of patient samples.

Using illustrative case studies, Grace will share key challenges and learnings from her vast experience in developing, validating, implementing and troubleshooting LC-MS/MS assays in a hospital setting. Participants will understand the journey of a blood sample from collection to final test result, learn practical considerations for test validation beyond analytical performance, and appreciate what typically goes wrong when going from validation to production mode.

We will end with a Q&A session chaired by Anne, for which participants are invited to submit questions via the life chat or in advance to [anne.bendt@nus.edu.sg](mailto:anne.bendt@nus.edu.sg)

