

● **Introducing timsTOF fleX with MALDI-2: a powerful tool to enhance sensitivity and chemical dimensionality**

With easy sample preparation and the ability to pinpoint molecular features in biological systems, MALDI and MALDI Imaging provide OMICS based researchers necessary biological context for their LC-MS driven results. The recent launch of the timsTOF fleX with MALDI-2 provides significantly increased sensitivity and compound diversity for MALDI making these approaches much more powerful. Learn more about the technique itself, some relevant applications and find out how to apply MALDI-2 to a variety of workflows. Specific application examples include analysis of small molecules and various classes of lipids in rat brain and testis, sampling potential antibiotics in cultures of competing bacteria and sterols in marine flatworms.

In this webinar we show the combination of high data acquisition rates, high separation power and increased sensitivity of MALDI-2 available in one instrument. With these important advantages, MALDI-2 based molecular imaging will quickly become a valuable tool in many areas of biological and medical research.