

# New Insights into Neuroscience with NanoString

Speakers: Erin Piazza, Sr Scientists - R&D, NanoString  
Kelly Miller, Sr Scientists - R&D, NanoString

## Deciphering the Complexity of Neurodegeneration and Neuroinflammation

In this seminar the NanoString Scientists will highlight:

- Case studies on the Counter® Neuropathology and Neuroinflammation Gene Expression Panels for rapid and comprehensive profiling
- Highly multi-plexed gene and protein expression analysis with a single FFPE section
- Capabilities in high-plex protein profiling with morphological context using Digital Spatial Profiling Technology

## Agenda

- 2:00 pm** CB UTechS Platform Introduction – Milena HASAN
- 2:10 pm–3:00 pm** **Discover Neuroscience with Nanostring - Erin Piazza**
- NanoString Neuroscience applications
  - Digital Spatial Profiling (DSP): Quantitate and profile 30+ proteins with morphological context
  - nCounter performance on FFPE, CSF, and at various post-mortem intervals
- 3:00 pm–3:45 pm** **Case Studies - Kelly Miller**
- Gene expression profiling of AD and PD samples using Neuropathology GX Panel
  - Microglia gene signature development
  - Biomarkers predicting drug response in Glioblastoma patient
- 3:45 pm** Close and refreshments

## TECHNOLOGY SEMINAR

Thursday, March 8<sup>th</sup>, 2:00pm -4:00pm

**Location:** Institut Pasteur, Building Metchnikoff, **Room Jules Bordet**

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