



DELTA
LIFE SCIENCE



Kinetics
characterization
on Optical Fibres
in Multiplex



DELTA LIFE SCIENCES, IMB SAS BRATISLAVA & BIOTECH

are inviting you to the seminar

INQUIQ & NES - PRINCIPLES AND APPLICATIONS

20. 02. 2025 at 9:00

*Institute of Molecular Biology SAS
Dúbravská cesta 21
845 51 Bratislava*

Lecture room, small building

Schedule:

9:00–9:45 Welcome & Introduction to Delta Life Science, NES & inQuiQ (45 minutes)

9:50–10:35 Introduction to Label-Free Biosensing (45 minutes)

10:35 – 11:00 Coffee Break

11:00–11:45 Pre-work for the Demonstration (Immobilization, etc.; 45 minutes)

11:50–12:50 inQuiQ LIVE Demo (60 minutes)

13:00–13:30 Analyzing Results (30 minutes)

From 13:30 Coffee Break & Open Discussion on Applications & Q&A

Lectures, demonstration and data analysis and interpretation will be given by **J. Arnaud Marquart, Ph.D.**, an expert for inQuiQ and a Senior Application Specialist for Delta Life Science.

NES technology & Workshop annotation:



J. Arnaud Marquart, Ph.D

The **Nanophotonic Evanescence field Sensing** (NES) technology from Delta Life Science Company enables up to **16-plex si-**

multaneous characterization of kinetics between immobilized partner with the analyte. The technology is high-sensitive, label-free and utilizes optical fibres as waveguides for the detection. This super sensitive system, which is implemented in inQuiQ machine, enables **small molecules interactions, protein-protein interactions and also complex matrices to be tested,** and much more.

The **workshop** will provide the **introduction into the NES technology, demonstration of the inQuiQ equipment including sample measurements, data analysis and interpretation,** and its comparison with **other techniques.**

More about the *InQuiQ* you can find at: <https://www.deltalifescience.com/instrument/>

Attendance:

Attendance at the inQuiQ seminar is free of charge, however to determine the amount of refreshments needed, all participants are kindly asked to register at: https://docs.google.com/forms/d/e/1FAIpQLSeID48icdoFzDuuBWWxqBGs6DiiLYdjQ6UUS_Jy-PTJCBdRgQ/viewform?usp=sharing

A QR code for fast registration is provided. Please register by February 17, 2025 by 15:00.

