

Real-time 0.5-1.8 μ l PCR on a Microchip: Nucleic Acid Detection and Identification



Workshop Program

10:00–10:30 Registration, welcome coffee & networking

10:30–11:15 **A.** Theoretical – Microchip Based Real-time PCR Technology: it's the PCR just like you do it normally, but saving on time and reagent costs

- › Powerpoint Presentation

11:15–11:30 Coffee-break & Networking

11:30–12:00 **B.** Demo – Microchip Real-time PCR analyzer AriaDNA: how it is possible to reduce the analysis time and costs

- › Display and short overview about the instrument and its technical specifications
- › Main technical systems of AriaDNA device (thermocycling block and optical system)
- › Basic modes of AriaDNA software operation

12:00–13:00 Lunch & Networking

13:00–13:30 **C.** Demo – Microchips for AriaDNA: how the technology reduces the requirements for the operator qualification

- › Display of liquid PCR reagents and empty microchips
- › Display of freeze-dried PCR reagents and microchips

13:30–14:00 **D.** Demonstration of the work-flow:

- › Using freeze-dried microchips with control samples
- › Using empty microchips with liquid PCR reagents and control samples
- › PCR parameters: thermal cycling mode, detector configuration, microchip template, description of samples
- › Interpretation of results of the analysis, generation of analysis report, importing and exporting the results files
- › Viewing and understanding the images

14:00–14:30 Coffee-break & Networking

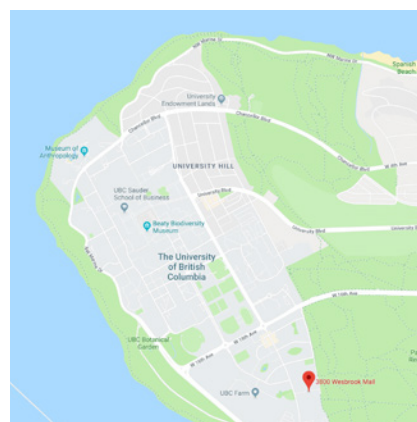
14:30–15:00 **E.** Q&A session

15:00–16:00 Networking

Date May 4, 2018

Time 10 AM – 4 PM

Venue **ETC3 Vancouver**
(Emerging Technologies
Center of Canada and China),
Vancouver, Canada



To register, [click here](#).
For additional information,
please contact Alvin Johnson,
johnsona@lumexinstruments.com

Please forward this invitation
to any colleagues or friends
who may be interested.
Seats are limited, refreshment
and lunch will be served.

LUMEX INSTRUMENTS CANADA

207-31510 Gill Ave,
Mission, BC, Canada, V4S 0A1

+1 866 233 6057

+1 604 820 4486

info@lumexinstruments.com

www.lumexinstruments.com