

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

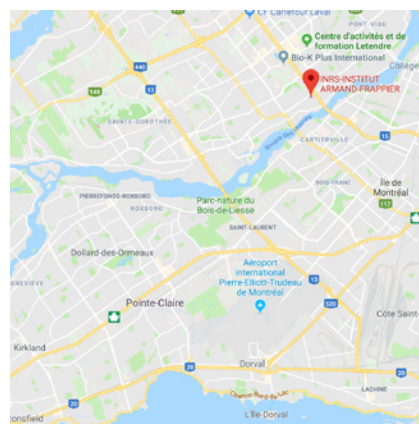
14:30–15:00 **E.** Q&A session

15:00–16:00 Networking

Date May 18, 2018

Time 10 AM – 4 PM

Venue Institute Armand Frappier,
531 Boul des Prairies,
Laval, QC, H7V 1B7,
Batiment 18, Salle Parizeau



To register, [click here](#).
For additional information,
please contact Caroline Crubellati,
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Please forward this invitation
to any colleagues or friends
who may be interested.
Seats are limited, refreshment
and lunch will be served.

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