

Session Program

21-26 Jun 2026



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2026 CAP Congress / Congrès de l'ACP 2026

(DPMB) T1-2 | (DPMB)

U. Ottawa - Learning Crossroads (CRX) Building
100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

Tuesday 23 June

10:15

(DPMB) T1-2 | (DPMB)

Session |

Location: U. Ottawa - Learning Crossroads (CRX) Building, 100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

10:15-10:45 **Title to follow.**

Speaker

Dr Claire Foottit

10:45-11:00

Does suppressing inflammation response in lung radiotherapy protect the lung cancer cells

Speaker

Garrett Kirk

11:00-11:15

Establishing the limit of detection of laser-induced breakdown spectroscopy for Escherichia coli in artificial cerebrospinal fluid for the diagnosis of bacterial meningitis

Speaker

Mr Abdullah Mustafa

11:15-11:30

Optical assessment of the hemodynamic and metabolic response to elevated intracranial pressure in piglets

Speaker

Rasa Eskandari

11:30-11:45

Characterization of ionizing radiation induced changes in MC38 murine colon carcinoma cells using Raman spectroscopy

Speaker

Connor McNairn

11:45-12:00

Monte Carlo evaluation of energy deposition for a novel system for microdosimetry and cell radiation response

Speaker

Prarthana Pasricha

12:00