

Session Program

26-31 May 2024



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2024 CAP Congress / Congrès de l'ACP 2024

***(DPMB) R2-3 Radiation dosimetry, neuron
plasticity, muscle branching | Dosimétrie des
rayonnements, plasticité des neurones,
ramification musculaire (DPMB)***

Western University

Thursday 30 May

14:15

(DPMB) R2-3 Radiation dosimetry, neuron plasticity, muscle branching | Dosimétrie des rayonnements, plasticité des neurones, ramification musculaire (DPMB)

Session | **Location:** Social Science Centre, Western U., SSC Rm 2032 (cap. 135)

14:15-14:30

(UG) Comparing the Dose to Circulating Lymphocytes in Conventional and State-of-the-Art Radiation Therapy

Speaker

Alasdair Holmes

14:30-15:00

(G) Exploring the relationship between glucose metabolism and intrinsic functional connectivity in behavioral variant frontotemporal dementia using hybrid PET/MRI

Speaker

Mathew Joshy

15:00-15:15

(UG) Assessing indocyanine green as a chromophore for near-infrared spectroscopy tissue-mimicking phantoms

Speakers

Redwan Haque, Rasa Eskandari

15:15-15:30

(G) A Constrained Constructive Optimization Model of Branching Arteriolar Networks in Rat Skeletal Muscle

Speaker

Yuki Bao

15:30-15:45

(UG) How Proton Therapy and Photon Therapy Affect Secondary Cancer Rates.

Speaker

Peter Dasiukevich

16:00