

## Session Program

5-11 Jun 2022



Canadian Association  
of Physicists

Association canadienne  
des physiciens et physiciennes

## 2022 CAP Congress / Congrès de l'ACP 2022

***T4-1 Advances in Physics in Biology and  
Medicine Symp.: Novel diagnosis and therapy  
(DPMB) | Symposium sur les progrès en  
physique dans la biologie et la médecine:  
nouveaux diagnostics et thérapies (DPMB)***

McMaster University

# Monday 6 June

15:15

## **T4-1 Advances in Physics in Biology and Medicine Symp.: Novel diagnosis and therapy (DPMB) | Symposium sur les progrès en physique dans la biologie et la médecine: nouveaux diagnostics et thérapies (DPMB)**

**Session** | **Location:** McMaster University, MDCL 1110 | **Convener:** Valerie Booth

15:15-15:45

### **(I) Stemless Plastic Scintillation Detectors - A Novel Radiation Dosimeter with a Bright Future**

**Speaker**

Allan Hupman

15:45-16:00

### **(U\*) Retinal Image quality decreases in those with diabetes with increasing duration of disease and inversely with the level of disease control**

**Speaker**

Mr Rahim Dhalla

16:00-16:15

### **(G\*) Dosimetric characterization of modified radiochromic materials: Comparison of photon to proton beam irradiation**

**Speaker**

Rohith Kaiyum

16:15-16:30

### **Optical Coherence Tomography as a Screening Tool for Oral Cancers**

**Speaker**

Dr Christopher Schruder

16:30-16:45

### **Iron Microparticle Cluster Quantification In Vitro Using Pure Phase Encoding Magnetic Resonance Imaging**

**Speaker**

Layale Bazzi

17:15