

**FRPT 2023: 3rd FLASH Radiotherapy and Particle Therapy Conference
December 5-7, 2023 (Toronto, Canada)**

<https://frpt-conference.org/scientific-programme/>

(click to the **orange link** on the schedule on the website link above to show the abstract for each talk)

Dec. 5, Tuesday

“FRACTIONATED FLASH PROTON RADIOTHERAPY WITH OR WITHOUT RE-IRRADIATION PRESERVES TUMOR CONTROL WHILE SPARING NORMAL TISSUE”

Session Type: FLASH Mechanisms Track

Session Name: [0090 - ORAL PRESENTATION SESSION 02: FLASH Mechanisms I: In Vivo Pre-Clinical Studies \(ID 8\)](#)

: Tue, 05.12.2023 Session Time: 11:30 - 13:00

Room: Queen Quai

Presenter: [Theresa M. Busch](#) (United States of America)

Lecture Time: 11:30 - 11:41

“CLINICAL TRIALS OF FLASH PROTON RADIOTHERAPY IN CANINES WITH EXTREMITY OSTEOSARCOMA OR HEAD AND NECK TUMORS”

Session Type: FLASH in Pre-Clinical and Clinical Settings

Session Name: [0100 - ORAL PRESENTATION SESSION 03: FLASH in Pre-Clinical and Clinical Settings I: Clinical Trials, TPS and Clinical Delivery \(ID 9\)](#)

: Tue, 05.12.2023 Session Time: 11:30 - 13:00

Room: Bay

Presenter: [Keith A. Cengel](#) (United States of America)

Lecture Time: 11:41 - 11:52

“LOCAL AND SYSTEMIC EFFECTS OF FLASH PROTON RADIOTHERAPY ON BONE HEALTH OF THE MOUSE TIBIA”

Session Type: PD010

Session Name: [0190 - E-POSTER DISCUSSION SESSION 02: FLASH Mechanisms I Clinical Settings](#)

: Tue, 05.12.2023 Session Time: 15:40 - 16:40

Room: Station 02

Presenter: [Anastasia Velalopoulou](#) (United States of America)

Lecture Time: 15:40 - 16:40

“EARLY INFLAMMATION AND INTERFERON SIGNALING COORDINATE ENHANCED INTESTINAL CRYPT REGENERATION AFTER WHOLE ABDOMEN FLASH PROTON RADIOTHERAPY”

Session Type: FLASH Mechanisms Track

Session Name: [0290 - ORAL PRESENTATION SESSION 06: FLASH Mechanisms II- Highest Scored Abstracts \(ID 23\)](#)

: Tue, 05.12.2023 Session Time: 18:30 - 20:00

Room: Queen Quai

Presenter: [Ioannis \(Yiannis\) I. Verginadis](#) (United States of America)

Lecture Time: 19:00 - 19:15

Dec. 6, Wednesday

“CLINICAL PERSPECTIVES”

Session Type: FLASH in Pre-Clinical and Clinical Settings
Session Name: [0500 - FLASH in Pre-Clinical and Clinical Settings: Clinical Perspectives \(ID 29\)](#)
: Wed, 06.12.2023 Session Time: 09:10 - 09:40
Room: Metropolitan Ballroom West
Presenter: [Alexander Lin \(United States of America\)](#)
Lecture Time: 09:10 - 09:35

“MODEL - OXYGEN ROLE”

Session Type: FLASH Mechanisms Track
Session Name: [0520 - FLASH Mechanisms: Model - Oxygen Role \(ID 31\)](#)
: Wed, 06.12.2023 Session Time: 10:00 - 10:30
Room: Metropolitan Ballroom West
Presenter: [Jennifer Wei Zou \(United States of America\)](#)
Lecture Time: 10:00 - 10:25

“FLASH PROTON RADIOTHERAPY AMELIORATES RADIATION INDUCED ORAL MUCOSITIS AND SALIVARY GLANDS DYSFUNCTION IN MICE”

Session Type: FLASH Mechanisms Track
Session Name: [09: FLASH Mechanisms III: In Vivo and In vitro studies](#)
: Wed, 06.12.2023 Session Time: 10:40 - 12:10
Room: Queen Quai
Presenter: [Priyanka Chowdhury \(United States of America\)](#)
Lecture Time: 11:57 - 12:08

Dec. 7, Wednesday

“PROTONS”

Session Type: Proton Beam and Heavy Ions
Session Name: [0780 - Proton Beam and Heavy Ions: Protons II \(ID 53\)](#)
: Thu, 07.12.2023
Session Time: 09:10 - 09:40
Room: Metropolitan Ballroom West
Presenter: [Michele M. Kim \(United States of America\)](#)
Lecture Time: 09:10 - 09:35

“COMBINATION OF FLASH RADIATION WITH CAR T CELL IMMUNOTHERAPY FOR BRAIN TUMOR”

Session Type: Late-breaking Abstracts
Session Name: [0830 - ORAL PRESENTATION SESSION 12: Late-Breaking I \(ID 58\)](#)
: Thu, 07.12.2023
Session Time: 10:40 - 12:10
Room: Queen Quai
Presenter: [Yi Fan \(United States of America\)](#)
Lecture Time: 10:52 - 11:04

“FLASH”

Session Type: Plenary Session

Session Name: [0990 - Balloon Debate: The Biggest Advance in Radiotherapy in the Next 10 Years Will Come From..? \(ID 73\)](#)

: Thu, 07.12.2023

Session Time: 17:15 - 18:15

Room: Metropolitan Ballroom West

Presenter: [Constantinos Koumenis \(United States of America\)](#)

Lecture Time: 17:18 - 17:26