



USER MEETING 2016

24-25 NOVEMBER

National Centre for Synchrotron Science



Ansto

Australian Synchrotron

Contribution ID : 218

Type : **Oral**

Curing Cancer with the Synchrotron

Friday, 25 November 2016 13:30 (30)

Microbeam radiotherapy (MRT) was proposed as a novel RT paradigm for treating cancer some time ago. However, progress has been slow and it is unclear when or if human cancers will be treated with synchrotron radiation. There are numerous biological, medical, technical, regulatory and ethical issues to consider before a human is subjected to synchrotron MRT.

This talk will give an overview of the issues that are being, and still need to be, addressed. Latest data from the current AS/IMBL MRT program will also be presented.

Keywords or phrases (comma separated)

microbeam radiotherapy, cancer, human

Are you a student?

No

Do you wish to take part in the Student Poster Slam?

No

Are you an ECR? (<5 yrs since PhD/Masters)

No

What is your gender?

Male

Primary author(s) : Prof. ROGERS, Peter (University of Melbourne)

Presenter(s) : Prof. ROGERS, Peter (University of Melbourne)

Session Classification : Concurrent Session 4: Radiotherapy II

Track Classification : Radiotherapy