

WORKSHOP 2015

MULTIMODALITY IMAGING FOR RADIOTHERAPY

February 9, 2015

Gustave Roussy - Villejuif

PROGRAM

8h30-9h00: Registration

9h00-9h15: Welcome addresses (*Eric Deutsch / Irène Buvat*)

9h15-10h00: Introduction: Use of **PET and MR** functional imaging for the treatment plan delineation in radiotherapy (*M. Van Herk – Netherlands Cancer Institute – Université d'Amsterdam*)

10h00-11h00: **Software** developments:

- Existing softwares: Presentation of the PLANET software (*P. Pineau - Dosisoft*)
- SUMMER European project (*L. Massoptier – Aquilab*)

11h00-11h30: Coffee break

11h30-12h00: Use of multimodality imaging for patients suffering from skull base, rachis and sacrum chordomas – The Institut Curie experience – Physical and clinical aspects (*H. Mammarr – Radiotherapist – Institut Curie*)

12h00 -12h30: Q/A session / Discussion

12h30-13h30: Lunch

13h30-14h00: SPECTROGLIO clinical trial: dose-painting for the treatment of glioblastomas guided by magnetic resonance spectrometric imaging and multicentric clinical trial in progress: technical, clinical and physical problems (*A. Laprie – Radiotherapist - Toulouse*)



14h00-14h30: Implementation and impact of the use of multimodality imaging for the optimization of the radiotherapy treatment planning in prostatic cancers (*G. Créhange – Radiotherapist – Dijon*)

14h00-15h00: [Coffee break](#)

15h00-15h30: Evaluation of the correlation between MRI-based hyper-perfused areas and tumor recurrence in high-grade gliomas – A retrospective study (*I. Belladjou – Research engineer – Gustave Roussy*)

15h30-16h00: Advanced MR Imaging of high grade gliomas and its application in radiotherapy – The Heidelberg experience (*A. Radbruch – Radiotherapist - Heidelberg*)

16h00-17h00: Q/A session / Discussion / Synthesis

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PRACTICAL INFORMATION

Place: Espace Maurice TUBIANA – 114, rue Edouard Vaillant 94800 Villejuif

Registration deadline: 9 janvier 2015

Web site: http://www.gustaveroussy.fr/index.php?p_m=igrinter&p_id=5832

ORGANIZING COMMITTEE

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