



IAEA

International Atomic Energy Agency

Atoms For Peace

Refresher course on
DEVELOPMENTS IN APPLIED AND CLINICAL RADIOBIOLOGY

November 15th 2006
12:30–13.45 h

Austria Centre Vienna
Bruno-Kreisky-Platz
1220 Vienna, Austria

Speakers: **Jolyon H. Hendry**
Eduardo H. Zubizarreta

Applied Radiobiology and Radiotherapy Section,
Division of Human Health,
Department of Nuclear Sciences and Applications,
International Atomic Energy Agency

Part 1: Growing points in radiobiology research applied to radiotherapy

- Modification of dose effectiveness
- Modelling the effectiveness of IMRT and related techniques
- Prediction of radiation response.

Part 2: Fractionation, treatment duration and dose-rate effects

- Standard and altered fractionation regimes in head and neck, lung and prostate cancers
- Acceleration and protraction
- Brachytherapy: Low dose and high dose rates.

PRACTICAL INFORMATION

A free snack will be provided to the participants who sign up specifically to attend this refresher course.
Although registration is free it is necessary to register - attendance will be limited and controlled.

Please contact Eduardo H. Zubizarreta before 10 November 2006 if you want to attend this refresher course by sending an email to e.h.zubizarreta@iaea.org with your name, email address and the name of your organization. A snack voucher will be sent in return.