

# 21<sup>st</sup> INTERNATIONAL L H GRAY CONFERENCE

## The Radiobiology / Radiation Protection Interface

The radiobiology, epidemiology, and validity of radiation risk estimates in modern radiation practice

4<sup>th</sup> – 6<sup>th</sup> June 2008 at the Royal College of Physicians, Edinburgh

### PROVISIONAL PROGRAMME

#### Wednesday 4<sup>th</sup> June

2 pm	Introduction	Eric Wright
	<b>Radiobiology</b>	
2.20 pm	Radiation Induced DNA Damage Recognition and Response	Steven Jackson
3.00 pm	Non-Targeted Effects of Radiation Risk	Bill Morgan
3.40 pm	Coffee / Tea	
4.10 pm	Adaptive Response in Radiation Risk	Ron Mitchel
4.50 pm	Influence of Multiple Stressing Agents on Risk	Carmel Mothershill
5.30 pm	Close	

#### Thursday 5<sup>th</sup> June

##### **Epidemiological Studies**

9 am	Exposure to high natural background radiation: What can it teach us about radiation risk?	Jolyon Hendry
9.45 am	Non-Cancer Effects in Japanese Bomb Survivors	Mark Little
10.30 am	Coffee / Tea - <b>Poster Session</b>	
11.30 am	Chernobyl: What have we learnt from it?	Elizabeth Cardis
12.15 pm	Radiation in the Workplace	Richard Wakeford
1.00 pm	Lunch	

##### **Uncertainties in Risk Estimation**

1.45 pm	Bio-Kinetic Modelling and Risk	John Harrison
2.30 pm	How Confident are we that we can Calculate Radiation	Dudley Goodhead

Risk?

3.15 pm Tea / coffee - **Poster Session**

4.15 pm Conclusions from the radiobiology and epidemiology evidence?

5.15 pm Close

## **Friday June 6<sup>th</sup>**

### **Issues in Radiation Practice**

9.00 am Issues in Diagnostic Medical Exposures

Alex Elliott

9.45 am Mammography – Oncogenicity at Low Doses

Geoff Heyes

10.15 am Implications of the Bystander Effect for Radiotherapy

Alistair Munro

10.45 am Coffee

11.15 am IMRT, Protons and Secondary Cancers

Bleddyn Jones

11.45 am Radiation Terrorism: What have we learnt from Polonium-210

Nick Gent

12.30 pm Lunch

1.30 pm Radiation Terrorism: Should the radiobiology community be doing something

Norman Coleman

2.30 pm Is There a Place for Quantitative Risk Assessment?

Eric Hall

3.30 pm Close

Speakers listed have confirmed, but titles and times are provisional.