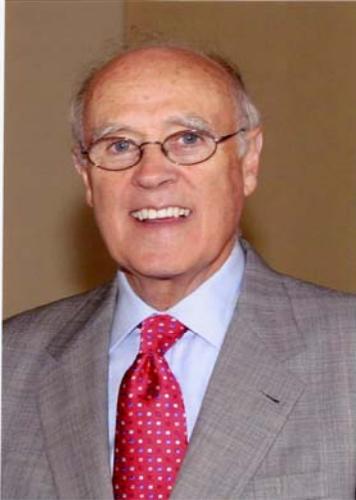


Thirteenth Gray Medal Awarded to Dr. Eric Hall



The ICRU is pleased to announce that the Thirteenth Gray Medal was presented to Professor Eric Hall at the 13th International Congress of Radiation Research in San Francisco, California in July 2007.

Professor Hall was born in the coal mining town of Abertillery in South Wales. He took an undergraduate degree in physics at the University of London, then worked as a clinical physicist for the National Health Service in Oxford and coauthored a number of papers related to clinical physics with Drs. Frank Ellis and Ray Oliver. While at Oxford Eric began an interest in radiation biology through an association with Laslo Lajtha and did original research on the effects of radiation on root elongation and chromosome aberrations in *Vicia faba*. Based on his research Professor Hall obtained a DPhil from the University of Oxford. Later he was

awarded both a MA Honoris Causa and a DSc Honoris Causa from Oriel College.

Upon graduation Professor Hall was awarded a Fulbright Scholarship and spent a year at the University of Colorado in Denver. He returned to Oxford as principal physicist at the Churchill Hospital where he remained for five years. While at the Churchill Hospital Professor Hall's research focused primarily on the effects of radiation dose-rate and oxygen tension on the survival of HeLa cells.

In 1968 he joined the staff of the Center for Radiological Research at Columbia University with the rank of tenured professor. After joining the Center he began his seminal studies on radiation-induced oncogenic transformation using Chinese hamster cells. Later these studies were extended to the study of radiation transformation in C3H 10T1/2 cells as a function of dose rate, LET and other variables.

Upon the retirement of Harald Rossi in 1984 Eric assumed the role of Director of the Center for Radiological Research, a position which he currently holds. He is also Higgins Professor of Radiation Biophysics and Professor of Radiology and Radiation Oncology at Columbia University.

Professor Hall has had very broad research interests in the field of radiation biology. These include studies of dose rate effects which have practical application related to pulsed brachytherapy: the relationship of the chemical structure of bioreductive drugs to their radiation sensitizing ability; continuing studies on oncogenic transformation and the roles of oncogenes in the transformation process.

Professor Hall is the author of over 300 publications but is perhaps best known for his lectures and the authorship of many columns and books. His book, *Radiobiology for Radiologist*, which is currently in its sixth edition, is perhaps the best-known text in radiobiology and is widely used as an educational

tool both for basic scientists and radiologists. In addition he has written *Radiation and Life*, a primer on radiation science for lay audiences.

He has served in a leadership role in many radiation- related areas including the NCRP and the Beir V committee. He has been president of the Radiation Research Society and the International Association for Radiation Research.

As a result of his research, his educational activities and his leadership in the field of radiation Professor Hall has been recognized internationally and has received a great many honors and awards. These include Gold Medals from both ASTRO and RSNA, the Barclay Prize, the Roentgen Award from the British Institute of Radiology, the Weiss Medal, the Erskine Lecture, The Douglas Lea Memorial Lecture and the Edelstein Lecture of the Royal College of Radiologists and the Janeway Medal from the American Radium Society. He has also been awarded Honorary Fellowships in the American College of Radiology and the Royal College of Radiology.