Nuclear Applications in Human Health for Effective Global Cancer Control – The Role of the IAEA



London Global Cancer Week

"Shining a light on the global cancer pandemic"

IAEA
International Atomic Energy Agency
Atoms for Peace and Development

15 November 2021
10:30 to 11:30 (GMT)

Nuclear Applications in Human Health for Effective Global Cancer Control – The Role of the IAEA

Prevention, diagnosis and treatment of cancer are more successful with the use of nuclear applications and techniques. The IAEA Human Health Programme has been enhancing capabilities in Member States to better prevent, diagnose and treat diseases through the application of nuclear techniques in nutrition, imaging and therapeutic applications, in cancer control and dosimetry services.

The IAEA offers education and training programmes, conducts coordinated research projects, issues guidelines, recommendations and publications, offers quality assurance, implements dosimetry laboratory activities and technical cooperation projects, organizes experts' meetings, develops and maintains powerful databases, for and with Member States.

Through its activities and close contacts with health professionals on the ground, the Agency enhances cancer control and quality assurance, and contributes to patients' safety globally.

Agenda

Time (GMT)	Topic	Facilitators
10:30 – 10:32	Welcome and introduction	May Abdel-Wahab, *Director, Division of Human Health, IAEA* Moderator: Katie Wakeham, *Section Head, Applied Radiation Biology and Radiotherapy, IAEA*
10:32 – 10:42	From prevention to palliation: advising Member States in the use of nuclear techniques in cancer control and dosimetry services	Kirsten Hopkins, *Radiation Oncologist, Applied Radiation Biology and Radiotherapy, IAEA*
10:42 – 10:50	Role of nuclear nutrition techniques in supporting cancer prevention and care	Cornelia Loechl, *Section Head, Nutritional and Health-Related Environmental Studies, IAEA*
10:50 – 10:58	IAEA global initiatives in imaging and nuclear medicine	Diana Paez, *Section Head, Nuclear Medicine and Diagnostic Imaging, IAEA*
10:58 – 11:06	Scaling-up radiotherapy in cancer control	Alfredo Polo, *Radiation Oncologist, Applied Radiation Biology and Radiotherapy, IAEA*
11:06 – 11:14	Translating research into technical cooperation	Francesco Giammarile, *Nuclear Medicine Physician, Nuclear Medicine and Diagnostic Imaging, IAEA*
11:14 – 11:22	In-country implementation activities and programmes	Shaukat Abdulrazak, *Director, Division for Africa, IAEA*
11:22 – 11:25	Q&A	Group
11:25 – 11:30	Brief break	