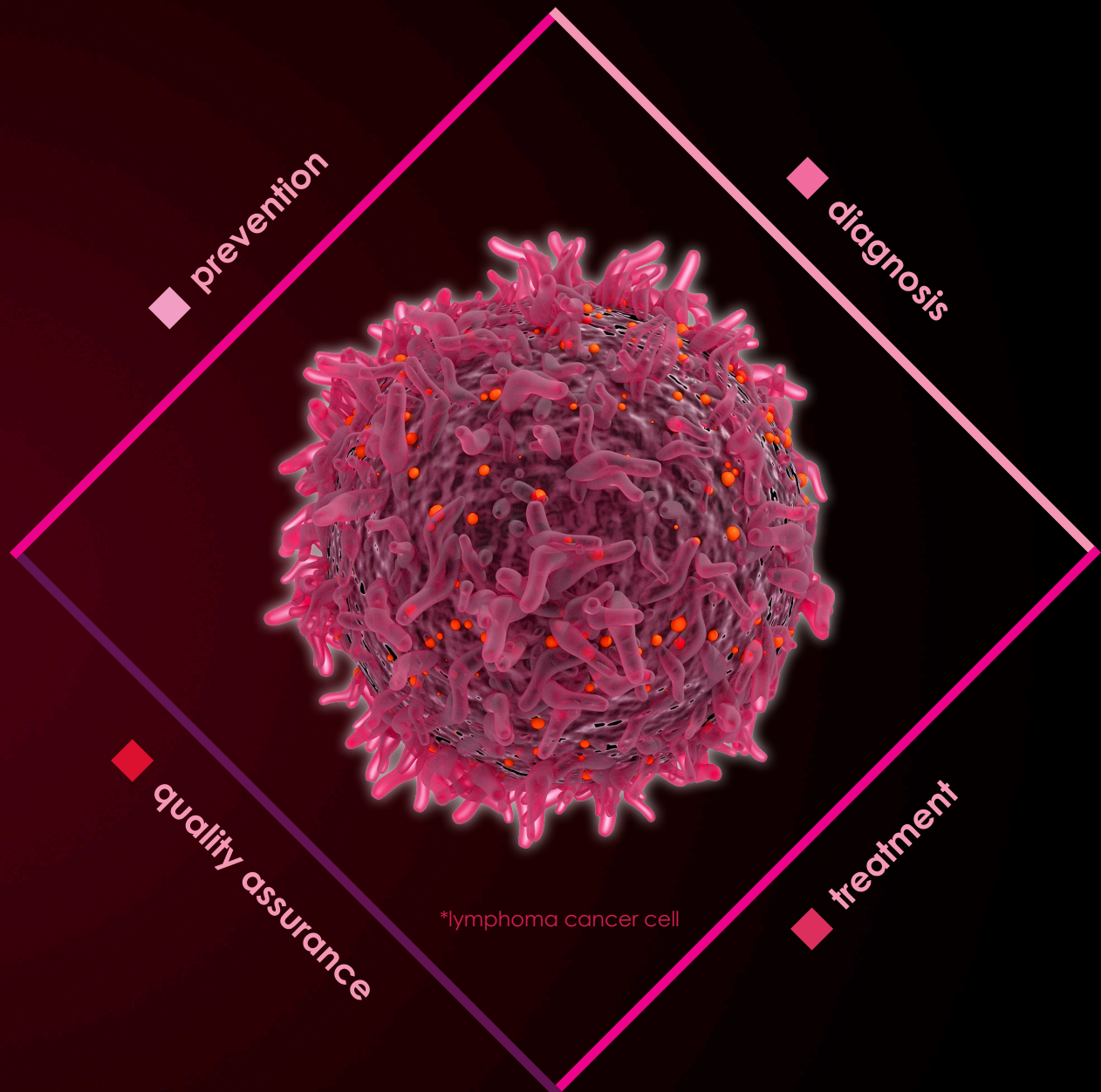


An International Atomic Energy Agency World Cancer Day Event

A ROADMAP TO A CANCER-FREE WORLD

Programme



Friday 2 February 2018, From 10 a.m.
Conference Room C1, C Building, 2nd Floor



IAEA Event to Mark World Cancer Day 2018

Background

Cancer is one of the leading causes of morbidity and mortality worldwide, with approximately 14 million new cases and 8 million cancer-related deaths every year. More than 60% of the world's total new annual cases occur in low and middle-income countries, which account for about 70% of the world's cancer deaths. As a consequence, the rising incidence of cancer is further straining the already scarce resources in many countries.

The International Atomic Energy Agency (IAEA) supports the fight against cancer through the application of nuclear techniques, by providing Member States with assistance in applying a comprehensive approach to the prevention, diagnosis and treatment of cancer that covers four main areas: nutrition; diagnosis and follow-up; radiation oncology and radiotherapy; and quality assurance. The support thus provided contributes to the achievement of United Nations Sustainable Development Goal 3, which focuses on good health and well-being. Nuclear techniques are becoming increasingly essential to support the proper management of cancer patients, through a multidisciplinary team of medical professionals. Nuclear techniques can also contribute to better nutrition, which is the foundation of good health.

Focusing on the topic A Roadmap to a Cancer-free World, this year's special event at the IAEA to mark World Cancer Day will examine the ways in which nuclear techniques can support the prevention, diagnosis and treatment of cancer and help countries worldwide to achieve better disease management for their patients.

This year's World Cancer Day event will be opened by IAEA Director General Mr Yukiya Amano alongside high-level keynote speakers, including Her Royal Highness Princess Dina Mired of Jordan, the President-elect of the Union for International Cancer Control (UICC), and Her Excellency Ms Nila F. Moeloek, Minister for Health of the Republic of Indonesia. The event will consist of an opening session with a panel of leading scientists and experts from around the world who will give examples of the latest trends in radiation medicine, followed by a health fair. An afternoon session will showcase how a live tumour board is conducted, followed by presentations by experts from across the IAEA on the importance of a multidisciplinary team to support cancer care. The afternoon session will also provide examples of the successful implementation of cancer projects by the IAEA across the world.

Expected outcomes

The event seeks to demonstrate the importance of radiation medicine in the modern management of cancer patients, and to present the IAEA's activities to promote and develop radiation medicine in many Member States. The event will also raise awareness of the importance of a multidisciplinary team approach for decision-making in the management of cancer patients who require care by medical professionals from different specialties to achieve optimal patient management.

10:00–10:30 Opening session (live streaming)

Opening by the IAEA Director General, Mr Yukiya Amano

Remarks by HRH Princess Dina Mired of Jordan, President-elect of the UICC

Remarks by HE Ms Nila F. Moeloek, Minister for Health of the Republic of Indonesia

10:30–12:00 Expert panel discussion on:

A Roadmap to a Cancer-free World

World-renowned medical professionals will present and discuss the applications of nuclear techniques in the prevention, diagnosis and treatment of cancer while also focusing on quality aspects in all disciplines of radiation medicine.

Moderated by Ms May Abdel-Wahab, Director of the Division of Human Health, IAEA Nuclear Sciences and Applications Department

Mr Alan Jackson: *The Role of Nutrition and Physical Activity in the Prevention and Management of Cancer*

Ms Joanna Kasznia-Brown: *The Key Role of Medical Imaging in Cancer Management*

Mr Mack Roach III: *The Multi-Disciplinary Management of Cancer: The Role of Radiotherapy*

Mr Jake Van Dyk: *Medical Physics on the Roadmap to a Cancer-free World*

Ms Ntokoza Ndlovu: *The Role of Nuclear Techniques for Cancer Treatment in Africa*

Dr Alan Jackson	Chair of the Continuous Update Panel on Nutrition and Cancer & Professor of Human Nutrition, University of Southampton, United Kingdom
Dr Joanna Kasznia-Brown	Radiologist, International Committee, Royal College of Radiologists, United Kingdom
Dr Mack Roach III	Professor of Radiation Oncology and Urology, Director, Particle Therapy Research Program & Outreach, Department of Radiation Oncology at the University of California San Francisco, United States of America
Dr Jake Van Dyk	President of Medical Physics for World Benefit & Professor Emeritus of Oncology and Medical Biophysics, Western University, London, Ontario, Canada
Dr Ntokoza Ndlovu	Radiation Oncologist & Senior Lecturer at the University of Zimbabwe College of Health Sciences, Zimbabwe

12:00–14:00 Health fair

Place: Vienna International Centre Rotunda

A wide variety of information and services will be presented that address the detection of various types of cancer, including breast, prostate, colon, and skin cancer.

As part of the cancer awareness programme of the IAEA's World Cancer Day event, the Vienna International Centre Medical Service, in collaboration with the IAEA's Division of Human Health are hosting a health fair in the Rotunda. We invite you to join the campaign to raise awareness about cancer prevention, diagnostic possibilities and treatment options.

Participate in health activities that include: Blood pressure and Body Mass Index measurements, skin checks, prostate screening advice, colonoscopy procedure and Q+A with specialists.

■ Skin cancer

Dr Andreas Schindl, Dermatologist, Vienna, Austria

■ Colon cancer

Prof Michael Rogy, General and Vascular Surgeon, Vienna, Austria

■ Breast cancer

Dr Joanna Kasznia-Brown, Radiologist, Royal College of Radiologist, United Kingdom

■ Prostate cancer

Dr Mack Roach, Department of Radiation Oncology, University of California San Francisco, United States of America

Give-aways, brochures and information leaflets about healthy choices we can make each day, are available at our stands as well as fresh fruits.



14:00–15:30 Diagnosed with cancer — the importance of a multidisciplinary team for optimal cancer care (breast cancer case study)

This session will showcase how a live tumour board is conducted, followed by presentations by experts from across the IAEA on the importance of a multidisciplinary team to support cancer care. The afternoon session will also provide examples of the successful implementation of cancer projects by the IAEA across the world.

Opening

Master of Ceremony, Ms May Abdel-Wahab, Director of the Division of Human Health, IAEA Department of Nuclear Sciences and Applications

Opening remarks by Mr Aldo Malavasi, Deputy Director General of the IAEA Department of Nuclear Sciences and Applications

Opening remarks by Mr Dazhu Yang, Deputy Director General of the IAEA Department of Technical Cooperation

Breast Cancer Case Study

Mr Rodolfo Nunez Miller, Nuclear Medicine Physician at the Nuclear Medicine and Diagnostic Imaging Section, IAEA Department of Nuclear Sciences and Applications

Ms Cornelia Loechl, Section Head of the Nutritional and Health-Related Environmental Studies Section, IAEA Department of Nuclear Sciences and Applications

Mr Rajiv Ranjan Prasad, Radiation Oncologist at the Applied Radiation Biology and Radiotherapy Section, IAEA Department of Nuclear Sciences and Applications

Ms Debbie Van Der Merwe, Section Head of the Dosimetry and Medical Radiation Physics Section, IAEA Department of Nuclear Sciences and Applications

Insight into the Implementation of Cancer Projects Across the Globe

Presentation by Mr Shaukat Abdulrazak, Director of the Division for Africa, IAEA Department of Technical Cooperation

Presentation by Mr Martin Krause, Director of the Division for Europe, IAEA Department of Technical Cooperation

Presentation by Mr Luis Longoria, Director of the Division for Latin America and the Caribbean, IAEA Department of Technical Cooperation

Presentation by Mr Abdulghani Shakhashiro, Programme Management Officer for Asia and the Pacific, IAEA Department of Technical Cooperation

Resource Mobilization

Presentation by Ms Anja Nitzsche, Section Head at the Division of Programme of Action for Cancer Therapy, IAEA Department of Technical Cooperation

Nuclear Safety in Radiation Medicine

Presentation by Ms Debbie Gilley, Radiation Protection Specialist at the Radiation Protection of Patients Unit, IAEA Department of Nuclear Safety and Security

For more information on the IAEA and its work, visit
www.iaea.org

February 2018

