



TC Sponsored Participation on

PAEDIATRIC NUCLEAR ONCOLOGY TRAINING COURSE

organized by Sant Joan de Déu (SJD) Barcelona Children's Hospital

supported under

TC Project INT6065: Contributing towards Improved Survival in Childhood Cancer Using Radiation Medicine and Nutrition

Event number	EVT2402325
Event title	Paediatric Nuclear Oncology Training Course
Date & Place	14-18 October, Barcelona, Spain
Nomination Deadline	01.09.2024
Information	<p>The practice of nuclear medicine imaging in sick children is different from that in adults. Childhood (paediatric) oncology nuclear medicine practice refers to examinations done in babies, young children, and teenagers (up to 18). Paediatric oncology nuclear medicine imaging is performed to help diagnose life threatening childhood disorders including cancer. Nuclear medicine imaging techniques are used to evaluate children with cancer that affect organ systems such as the kidney urinary bladder, bones, liver and gallbladder, gastrointestinal tract, heart, lungs, thyroid, and other organs. Nuclear medicine applications in children require a slightly different level of approach about quality control and safety issues.</p> <p>There is limited expertise in childhood nuclear medicine worldwide. With few conferences, training programmes and expertise in this field, several regions lag the more developed economies in updated knowledge and improved skills compared with adult nuclear medicine practice.</p>

	<p>The IAEA interregional project INT6065 aims at strengthening the existing multidisciplinary infrastructure through the development of standard operating procedures; training; quality assurance; expert support; small procurement; and evaluation of interventions in the areas of radiotherapy, nuclear medicine, imaging, and nutrition. The project aligns with plans in all regions for strengthening cancer services using nuclear techniques, and addresses areas where nuclear technology can have an impact throughout the cancer spectrum from diagnosis to treatment and supportive care.</p> <p>The participation in the event will contribute to:</p> <ul style="list-style-type: none"> - Understand the principles of pediatric nuclear medicine oncology, identify, and assess pediatric oncology cases responsive to nuclear medicine procedures, and consolidate knowledge on the interpretation of pediatric nuclear medicine oncology images. - Optimize radiopharmaceutical dosing and administration in paediatric oncology patients, recognize safety considerations in pediatric nuclear medicine oncology. - Analyze the role of theranostics in pediatric nuclear medicine oncology, collaborate with multidisciplinary teams in pediatric nuclear medicine oncology and understand the impact of nuclear medicine findings on treatment decisions. - Address ethical and psychosocial aspects of pediatric nuclear medicine oncology fostering a patient-centered approach. <p>Theoretical and practical sessions will be led by national and international experts invited by the SJD Barcelona Children’s Hospital. There will be case presentations and time for discussions.</p> <p>Visits to the SJD Barcelona Children’s Hospital are part of the programme, PCCB Paediatric Cancer Center Barcelona and Paediatric Nuclear Medicine Centre.</p> <p>The event will be conducted in English, so participants should have sufficient proficiency to follow the sessions and express themselves in this language.</p>
<p>Selection Criteria</p>	<p>IAEA can support a limited number of participants to the event. Maximum 40 persons that match the required profile will be selected.</p> <p>Each country is invited to nominate one (1) candidate.</p> <p>The nominee should be a nuclear medicine physician or a radiologist working in a nuclear medicine department that does diagnosis and treatment of children, and with a subspecialisation on paediatric nuclear medicine studies.</p> <p>The qualifications, experience and current duties of the participants should be clearly and thoroughly described in the nomination form. Incomplete or unclear nominations will not be considered by the selection committee.</p> <p>The Interregional Training Course is open to participants from the countries that joined the project INT6065: ‘Contributing towards Improved Survival in Childhood Cancer Using Radiation Medicine and Nutrition’. Each country is invited to nominate one (1) candidate who needs to match the profile</p>

	<p>described in the corresponding paragraph.</p> <p>Countries participating in the interregional project: Afghanistan, Albania, Algeria, Argentina, Armenia, Bangladesh, Brazil, Bulgaria, Burkina Faso, Cambodia, Chile, Costa Rica, Croatia, Cuba, Dominican Republic, Cyprus, Ecuador, Ethiopia, Georgia, Ghana, Guatemala, Guyana, Iran, Jamaica, Jordan, Kuwait, Kyrgyzstan, Latvia, Lithuania, Madagascar, Malawi, Malaysia, Mexico, Mongolia, Mozambique, Niger, Morocco, North Macedonia, Oman, Pakistan, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Qatar, Romania, Russian Federation, Serbia, Singapore, Slovenia, South Africa, Sudan, Syria, Tajikistan, Tanzania, Thailand, Türkiye, Ukraine, Uruguay, Uzbekistan, Venezuela, Yemen, Zimbabwe.</p> <p>Selected participants will receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses. They will also receive either a round-trip air ticket based on the most direct and economical route between the airport nearest their residence and the airport nearest the duty station through the IAEA’s travel agency AX Travel Management, or a travel allowance, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.</p> <p>Please check additional information under Administrative and Financial arrangements.</p>
<p>Contact Person</p>	<p>Dr Isabel Roca SJD Barcelona Children's Hospital Pg San Joan de Deu, 2 08950 Espluges de Llobregat Barcelona, Spain</p>
<p>Application Procedure</p>	<p>Candidates wishing to apply for this event should follow the steps below:</p> <ol style="list-style-type: none"> 1. Access the InTouch+ home page (https://intouchplus.iaea.org) using the candidate’s existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (https://websso.iaea.org/IM/UserRegistrationPage.aspx) before proceeding with the event application process below. 2. On the InTouch + platform, the candidate must: <ol style="list-style-type: none"> a) Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience (‘Profile’ tab) and upload relevant supporting documents. b) Search for the relevant technical cooperation event (EVT2402325) under the ‘My Eligible Events’ tab, answer the mandatory questions and lastly submit the application to the required authority. <p>NOTE: Completed applications need to be approved by the relevant national authority, i.e. the National Liaison Office, and submitted to the IAEA through the established official channels by the provided designation deadline.</p> <p>For additional support on how to apply for an event, please refer to the InTouch+ Help page. Any issues or queries related to InTouch+ can be addressed to InTouchPlus.Contact-Point@iaea.org .</p> <p>Should online application submission not be possible, candidates may download the nomination form for the training course from the IAEA website.</p>

Administrative and Financial Arrangements

Nominating authorities will be informed in due course of the names of the candidates who have been selected and will at that time be informed of the procedure to be followed regarding administrative and financial matters.

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Disclaimer of liability

The organizers of the event do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

IAEA Contacts

Programme Management Officer (responsible for substantive matters):

Ms Eva CIURANA CASADEMONT
Programme Management Officer
Division for Latin America and the Caribbean
Department of Technical Cooperation
International Atomic Energy Agency
1400 VIENNA, AUSTRIA
Email: E.Ciurana@iaea.org

Technical Officers (Responsible for the technical and scientific issues):

Mr Enrique ESTRADA
Technical Officer Nuclear Medicine Physician
Division of Human Health (NAHU)
Department of Nuclear Applications
International Atomic Energy Agency
1400 VIENNA, AUSTRIA
Email: e.estrada-lobato@iaea.org

Administrative Contact (responsible for administrative matters):

Ms Beatriz Solis Ramos
Division for Latin America and the Caribbean
Department of Technical Cooperation
International Atomic Energy Agency
Email: m.b.solis-ramos@iaea.org

Ms Jessica Postigo
Division for Latin America and the Caribbean
Department of Technical Cooperation
International Atomic Energy Agency
Email: J.Postigo@iaea.org