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国际原子能机构

International Atomic Energy Agency

Agence Internationale de l'énergie atomique

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In reply please refer to: **TN-RER5024-2201715**

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National Liaison Officers /

National Coordinators

2022-06-01

Subject: Regional Training Course on In Vitro Techniques for the Application of Induced Mutations on Vegetatively Propagated Crops, Gent, Belgium, from 12 to 23 September 2022

Dear National Liaison Officer / National Coordinator,

I am pleased to inform you that the International Atomic Energy Agency (IAEA) is organizing the above event under the IAEA technical cooperation project RER5024, "Enhancing Productivity and Resilience to Climate Change of Major Food Crops in Europe and Central Asia".

The purpose of the event is to train the participants on in vitro techniques and micropropagation that can be applied in a mutation breeding program including practical cases where such methodologies have been applied in mutation breeding and basic data analysis related to experimental implementation of in vitro techniques.

The attached Information Sheet provides further details, including technical and administrative aspects of the event. Selection of participants will be in accordance with IAEA procedures. Member States are strongly encouraged to identify suitable women participants.

The IAEA will provide non-local participants with a round-trip air ticket based on the most direct and economical route between the airport nearest the participant's residence and Gent. Travel details will be agreed with the participants upon receipt of their official nomination. Participants will also receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses for the duration of the event in line with IAEA rules and procedures.

We would appreciate receiving your country's nominations by **7 July 2022** through the IAEA's InTouch+ platform (<https://Intouchplus.iaea.org>). Should this not be possible, applicants may download the Nomination Form for the course from the [IAEA's webpage](#). Completed forms must be endorsed by the relevant government authority and may be sent to the IAEA, preferably by email to Official Mail - IAEA Mail address Official.Mail@iaea.org, with copy to Ms Ludmila Wiszczor L.Wiszczor@iaea.org. Please be advised that late nominations or replacements of participants after the closing date for nominations will not be accepted.

We look forward to receiving your early response.

Yours sincerely,



Ludmila Wiszczor
Programme Management Officer
Division for Europe
Department of Technical Cooperation

Enclosure: Information Sheet



Regional Training Course on In Vitro Techniques for the Application of Induced Mutations on Vegetatively Propagated Crops

Hosted by

The Government of Belgium

through the

Ghent University
Laboratory for Applied In Vitro Plant Biotechnology

Gent, Belgium

12 to 23 September 2022

Ref. No.: TN-RER5024-2201715

Information Sheet

Purpose

The purpose of the event is to train the participants on in vitro techniques and micropropagation that can be applied in a mutation breeding program including practical cases where such methodologies have been applied in mutation breeding and basic data analysis related to experimental implementation of in vitro techniques.

Working Language

The working language of the event will be **English**.

Deadline for Nominations

Nominations received after **7 July 2022** will not be considered.

Project Background

The project RER5024 is aimed at supporting the production of major food crops with higher yields, improved quality, and better resilience to climate change through mutation breeding and combined biotechnologies to contribute to food security in Europe and Central Asia.

Scope and Nature

The Regional Training Course will provide theoretical (lectures) and practical knowledge (in lab sessions) on in vitro techniques that can be used in conjunction with nuclear induced mutations for genetic improvement. Furthermore, in the course case studies with nuclear-induced mutations used in conjunction with the methodologies covered will be included. Discussion between participants and with the trainer will be encouraged. Participants will need to present an action plan on how to implement the methodologies learned in their own research.

Participation

The Regional Training Course is open to one candidate per country. A maximum of 20 participants will be selected to attend the course. Each participant should bring a laptop for the training course.

Participants' Qualifications and Experience

Nominated candidates should be plant breeders, biologists, agronomists involved in mutation breeding activities with basic knowledge and at least 1 year experience using in vitro techniques. Candidates should be currently participating in mutation breeding research. Researchers working on mutation breeding in vegetatively propagated crops are specially encouraged to apply.

Application Procedure

Candidates wishing to apply for this event should follow the steps below:

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:
 - 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 (EVT2201715) under the 'My Eligible Events' tab, answer the mandatory questions and lastly submit the application to the required authority.

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.

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.

Should online application submission not be possible, candidates may download the nomination form for the training course from the [IAEA website](#).

NOTE: A medical certificate signed by a registered medical practitioner dated not more than four months prior to starting date of the event must be submitted by candidates when applying for a) events with a duration exceeding one month, and/or b) all candidates over the age of 65 regardless of the event duration.

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 with regard to administrative and financial matters.

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 American Express, or a travel grant, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

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.

Note for female participants

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant.

The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring, inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

IAEA Contacts

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