



“HARNESSTOM Researchers discuss New Genomic Techniques NGTs and its impacts with the agriculture primary sector in the frame of the Research Infrastructure Platform AGROFOR”

As part of HARNESSTOM outreach and networking activities Spanish partners from CSIC are taking part of a workshop on New genomic Technologies (NGTs) that will take place on Oct 26 at the Fundacion Grupo Cajamar (also partner in HARNESSTOM) facilities in Paiporta, Spain. This workshop is organized by AGROFOR, an Interdisciplinary Thematic Platform (PTI) launched by the CSIC (Higher Council for Scientific Research) to address the main challenges facing the Planet, and these include those by the United Nations in the Sustainable Development Goals (SDGs). This is an excellent opportunity to disseminate HARNESSTOM activities and also our views on NGT with different stakeholders in this workshop organized by the technology platform Agrofor.

Basically all CSIC research staff linked to R&D&I related with plant genetic resources have been integrated into AGROFOR with the aim of joining forces and to provide solutions to the social challenge of agricultural and food productivity and sustainability.

This workshop is part of the activities directed to fostering the participation of a wide spectrum of social, cultural and economic agents including companies, farmers, producers, cooperatives, associations, as well as any group with an interest in the recovery of plant genetic biodiversity to optimize agricultural and forestry systems in terms production, sustainability and resilience.

The topic of this particular workshop is focused in the New Genomic Technologies and their impact in plant breeding. This topic is of special interest given the potential impact for European Agriculture and also given the proposal on NGTs currently under debate. The workshop will count on the participation of scientists experts in GTs that will introduce the topic 1 and will provide examples of NGT5 application to cereals (F. Barro, IAL, Spain), tomato (A Granell, IBMCP-CSIC, Spain) and Citrus (J Terol, IVIA, Spain). A round table will follow where representatives from the primary sector, seed companies and scientists will share their view on the need to introduce the NGT for crop breeding. The round table will be participated by representative from Farmers associations such as AVA-ASAJA and Unió de Llaoradors (all together representing over 270,000 associates) and by experts from Seed companies such as Intersementas and ENZA_ZADEN.

Program and inscription can be found at:

<https://www.plataformatierra.es/formacion/nuevas-herramientas-de-mejora-genetica-en-vegetales/>





PTI AGROFOR:
NUEVAS HERRAMIENTAS
BIOTECNOLÓGICAS EN
MEJORA VEGETAL

| Día | Lugar |
|-----------------------|--|
| 26 de Octubre de 2023 | Fundación Cajamar. Camino del Cementerio Nuevo, s/n Paiporta |

Programa

9:30 – 9:40 Presentación de la Jornada. Carlos Baixauli (Cajamar), Antonio Monforte (IBMCP-CSIC)

Bloque I. PTI AGROFOR

9:40 – 10:00 Presentación PTI AGROFOR. Luis Guasch, coordinador AGROFOR (INIA-CRG-CSIC)

10:00 – 10:15 GO Fitonet, un ejemplo de éxito. Rosana Malvar, coordinadora AGROFOR (MBG-CSIC)

10:15 – 10:45 Café y visita ensayo variedades de tomate dentro del proyecto GO-Fitonet

Bloque II Nuevas Herramientas Biotecnológicas en Mejora Vegetal

10:45-10:55. Presentación Carlos Romero (IBMCP-CSIC)

10:55 – 11:25 Antonio Granell (IBMCP-CSIC). Nuevas Herramientas Biotecnológicas en hortalizas. Casos de éxitos.

11:20 – 11:50 Francisco Barro (IAS-CSIC). Nuevas Herramientas Biotecnológicas en cereales. Caso de éxito: trigo con bajo contenido en gluten.

11:45 – 12:20 Javier Terol (IVIA). Biotecnología en cítricos: herramientas genómicas para la mejora.

12:20-13:20. Mesa Redonda “La necesidad de aplicar las nuevas tecnologías en mejora vegetal”.

Moderador: Gonzaga Ruiz de Gauna (Biovegen)

Representantes agricultores:

Cristóbal Aguado Laza. Presidente de la Asociación Valenciana de Agricultores (AVA-Asaja)

Ferrán Gregori (Unió de L'auradors)

Representante empresa de semillas:

Pablo Pérez Moreno. Responsable del departamento de mejora genética en Intersemillas

Frederic Perefarrres. Investigador principal en Enza Zaden

Francisco Javier Palomares. Crop Breeder Manager Cucumber

Científicos:

Antonio Granell Richart. Profesor de investigación en CSIC

Francisco Barro Losada. Profesor de Investigación CSIC

Javier Terol Alcaide. Investigador Principal, Centro de Genómica, VIA

13:20-13:30. Fin del evento

13:30-14:30. Networking.

Subscripción: <https://www.plataformatierra.es/formacion/nuevas-herramientas-de-mejora-genetica-en-vegetales>

