



INTERNATIONAL
SEMINAR

**THE IOC NETWORK OF
GERMPLASM BANKS AND
THE TRUE HEALTHY OLIVE
CULTIVARS PROJECT**

21 - 24 OCT
C Ó R D O B A 2 0 1 9



UNIVERSIDAD DE CORDOBA



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Organized by:



International Olive Council



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THE IOC NETWORK OF GERMPLASM BANKS AND THE TRUE HEALTHY OLIVE CULTIVARS PROJECT

SEMINAR

Cordoba (Spain), 21-24 October 2019

INTRODUCTION

The IOC has been promoting a network of banks containing olive genetic material since 1994. These banks aim to preserve the heritage of olive varieties grown in countries around the world. The IOC network currently includes 22 national banks and three international collections (Cordoba, Spain; Marrakech, Morocco; and Izmir, Turkey) that preserve all the varieties of the network located in different countries covering three different climatic zones.

The True Healthy Olive Cultivar (THOC) project aims to give a new impetus to the IOC network and provide authenticated and healthy initial material of the main commercial varieties of each country of the IOC network of germplasm banks. A certification system will be promoted to ensure varietal authenticity and free material from the pathogens listed in the directives issued by the EU/EPPO. Authentic and healthy varieties will be provided to banks to be preserved as initial material in the corresponding isolated conservatories. This step will be the starting point for developing certification protocols for nursery stock.

The network contains approximately 1,700 cultivars. The first phase of the THOC project is to authenticate and catalogue 101 commercial varieties using morphological and molecular descriptors (SSRs). In the second phase, these varieties will be authenticated and sanitised to ensure that they are free of the pathogens required by the certification of nursery stock policies. To this end, isolated conservatories will be set up. The second step should be accomplished as soon as possible, given the scale of epidemics caused by pathogens such as *Verticillium* and *Xylella fastidiosa*.

The goal of this seminar is to:

1. Review the current status of the banks in the network;
2. Define and adopt a protocol for authenticating genetic resources in the network;
3. Present the status of the THOC project and the activities schedule;
4. Propose new joint activities.



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General Program

Monday 21 October

Rectorado of the University of Cordoba. Sala Mudejar

Part one

Current status of the IOC network of germplasm banks

Night

Night visit to the Mosque

Tuesday 22 October

Rabanales Campus. Sala Manuel Medina. Paraninfo Building.

Part two

Proposal of a Guide to catalogue, sanitation and manage the Banks of the IOC Network

Afternoon

Free

Wednesday 23 October

IFAPA/ Rabanales Campus

Part three

The THOC Project

Night

Social dinner (Puerta Sevilla Restaurant)

Thursday 24 October

Technical Visits. (Olive Groves and Advanced Selections Trials of the UCO-IFAPA Breeding Program)



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Program

Monday 21 October

Rectorado of the University of Cordoba. Sala Mudejar

9:00-9:30

Reception

9:30-10:30

Inauguration – Authorities:

The Rector of the University of Cordoba
The Executive Director of the IOC
The Andalusian Consejera de Agricultura
The President of IFAPA
The Dean of the ETSIAM

10:30-11:00

Coffee break (Cafetería Rectorado)

11:00-18:00

Salón de Actos Rectorado

11:00-11:15

Inaugural Conference. International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA)

Daniele Manzella

Food and Agriculture Organization of the United Nations (FAO)

11:15-11:20

Introducing the Seminar

Luis Rallo. Convener and moderator

PART ONE

Current status of the IOC network of germplasm banks:

11:15-11:25

The IOC Network of Germplasms Bank.

Abdelkrim Adi (IOC)



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The International Banks

- 11:25-11:45 Córdoba (BGMO UCO-IFAPA)
Colección Alameda del Obispo
Angjelina Belaj (IFAPA)
Colección Rabanales
Diego Barranco (UCO)
- 11:45-11:55 Marrakech
El Hassane Sikkaoui (INRA)
- 11:55-12:05 Izmir
Melek Gurbuk (ORS)

The National Banks

- 12:05-12:15 Albania: Aulona Veizi
- 12:15-12:25 Argentina: Mariela Torres
- 12:25-12:35 Algeria: Khaled Rebiha
- 12:35-12:45 Cyprus: María Emmanouelidou
- 12:45-12:55 Croatia: Gabriela Vuletin Selak
- 12:55-14:00 **Lunch (Cafetería Rectorado)**
- 14:00-14:10 Egypt: Ahmed Sabry
- 14:10-14:20 France: Bouchaib Khadari
- 14:20-14:30 Greece: Georgios Koubouris
- 14:30-14:40 Iran: Mehdi Hosseini Mazinani
- 14:40-14:50 Israel: Giora Ben Ari
- 14:50-15:00 Jordan: Ibrahim Alamad



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15:00-15:10	Lebanon: Milad El Riachy
15:10-15:20	Libya: Daghees Abdelhakem
15:20-15:30	Montenegro: Biljana Lazovic
15:30-15:40	Portugal: Antonio Manuel Cordeiro
15:40-15:50	Slovenia: Vesel Viljanka
15:50-16:00	Tunisia: Fathi Ben Amar
16:00-16:10	Uruguay: Jorge Pereira
16:10-16:20	Italy: Enzo Perri
16:20-17:00	Debate: Proposal of a Working List of Commercial Cultivars
20:45	Night visit to the Mosque



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Tuesday 22 October

Rabanales Campus. Sala Manuel Medina

9:00 Transport from the Rectorado to Rabanales

PART TWO

Proposal of a Guide to catalogue, sanitation and manage the Germplasm Banks of the IOC Network (UCOLIVO)

9:30-9:35 Introduction: Luis Rallo

9:35-9:45 Basics concepts and terms: Isabel Trujillo and Concepción Muñoz

9:45-9:55 Exploring and sampling olive cultivars: Diego Barranco

9:55-10:05 Reception and registration of new olive accessions: Pablo Morello

10:05-10:20 Characterization, identification and authentication of olive accessions: Isabel Trujillo

10:20-10:30 Elaboration of an index of olive cultivars denominations: Diego Barranco

10:30-10:40 Phytosanitary diagnosis and sanitation: Juan Moral, Ana Gordon and Pablo Morello

10:40-10:50 Management of the BGMO-UCO collection: Pablo Morello

10:50-11:00 The authentication of the International Germplasm Bank of Marrakech. Bouchaib Khadari and El Hassane Sikkaoui

11:00-11:10 The authentication of the National Bank of Greece. Georgios Koubouris

Moderator. Luis Rallo (UCO)

11:40-12:15 Coffee break (Cafeteria Aulario)

12:15-14:30 Visit to the collection, laboratory and isolation repository of cultivars at the Rabanales Campus-UCO. Pablo Morello. Curator of UCO Collections

14:30-15:30 Lunch (Cafetería Aulario)

15:30 Transport from Rabanales to the Rectorado

Afternoon Free



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Wednesday 23 October

IFAPA/ Rabanales Campus

9:00 Transport from the Rectorado to IFAPA Alameda del Obispo

9:15-11:00 Visit to the BGMO- Alameda del Obispo. IFAPA. Angelina Belaj

11:00-11:30 Coffee break (Cafeteria IFAPA)

11:30-12:00 Transport to Rabanales Campus

***PART THREE* The THOC Project (Sala Manuel Medina)**

12:00-12:20 Certification of olive nursery plants in Spain and Europe. Victoria Colombo

12:20-12:40 The THOC Project. Luis Rallo (UCO)

12:40-13:00 The exchange of Plant material. Pablo Morello (UCO)

13:00-14:30 Debate – Application of the proposed methodologies in the IOC network of olive germplasm banks

Moderators: Catarina Bairrao (IOC) and Diego Barranco (UCO)

14:30-15:30 Lunch (Cafetería Aulario Rabanales)



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<i>15:30-18:00</i>	Final debate and conclusions Moderators: A. Adi (IOC) and C Bairrao (IOC) Proposed topics: <ul style="list-style-type: none">• Timetable for accomplishing the THOC project• Catalogue of commercial cultivars• New projects• Next seminar location (II international collection)
<i>18:00-18:15</i>	CLOSE - Authorities: to be confirmed.
<i>18.15-18.45</i>	Transport from Rabanales to the Rectorado
<i>21:00</i>	Social dinner (Puerta Sevilla Restaurant)



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Thursday 24 October

Technical Visits. (Olive Groves and Advanced Selections Trials of the UCO-IFAPA Breeding Program)

9:00 Meeting point: Rectorado

9:30-11:00 Olive trials in La Mata (Todolivo) at Villafranca. Raúl Aguayo (Todolivo) and Pedro Valverde (UCO)

11:30- 12:30 Olive trials in Fuencubierta (Hermanos Lovera) at La Rambla. Cristobal Lovera, Lorenzo León (IFAPA) and Diego Cabello (UCO)

13:00-14:00 Olive Groves and Trials in El Blanquillo (Elaia) at Córdoba. Juan Carlos Cañaveras (Elaia) and Diego Cabello (UCO)

14:30-15:30 Lunch (Cafetería Rectorado)

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