

Iberian PLANT BIOLOGY-2025

Murcia, Spain (1-4 julio, 2025)

AUDITORIO Y CENTRO DE CONGRESOS VÍCTOR VILLEGAS



XXVI MEETING OF THE SPANISH
SOCIETY OF PLANT BIOLOGY

XIX SPANISH-PORTUGUESE
CONGRESS ON PLANT BIOLOGY



Sociedade Portuguesa
de Biologia de Plantas



www.iberianplantbiology2025.org

secretariat@iberianplantbiology2025.org



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Carta de bienvenida

Estimados colegas,

Es un gran placer invitaros al Iberian Plant Biology-2025 Congress (IPB-25) que, en nombre de las Sociedades Española y Portuguesa de Biología de Plantas, se celebrará en Murcia (España) del 1 al 4 de julio de 2025.

Este congreso bienal corresponde a la XXVI Reunión de la Sociedad Española de Biología de Plantas (SEBP), de la que celebraremos de forma muy especial su 50 aniversario, y al XIX Congreso Hispano-Luso de Biología de Plantas. Convocamos, pues, a investigadores y a todos los interesados en entender el funcionamiento de las plantas a todos los niveles de integración: molecular, celular, órgano y planta, así como en dar soluciones para que la relación entre planta y medio ambiente nos conduzca a un mundo más verde y sostenible para hacer frente al cambio climático. Por ello el lema que nos unirá será "Plantas para un mundo sostenible". Desde el Comité Organizador estamos trabajando para asegurar el éxito científico, reuniendo a jóvenes investigadores (PhD-meeting) y prestigiosos ponentes, facilitando espacios en los que discutir e intercambiar ideas, y para que tengáis una feliz estancia en nuestra acogedora ciudad, cuyos 1200 años de historia están ligados a la cultura del agua y su fértil huerta.

Os animamos a que vayáis preparando inspiradoras comunicaciones que nos permitan avanzar en el conocimiento de la biología de plantas.

¡Os esperamos en Murcia!

Comité organizador del IPB-25

Mensagem de boas-vindas

Caros colegas,

É com grande prazer que vos convido para o Iberian Plant Biology-2025 (IPB-25) Congress que, em nome das Sociedades Espanhola e Portuguesa de Biologia das Plantas, se realizará em Múrcia (Espanha) de 1 a 4 de julho de 2025.

Este congreso bienal corresponde à XXVI Reunião da Sociedade Espanhola de Biologia das Plantas (SEBP), da qual celebraremos de forma muito especial o seu 50º aniversário, e ao XIX Congresso Hispano-Português de Biologia das Plantas. Estamos, portanto, a reunir investigadores e todos os interessados em compreender o funcionamento das plantas a todos os níveis de integração - molecular, celular, órgão e planta -, bem como em fornecer soluções para que a relação entre as plantas e o ambiente nos conduza a um mundo mais verde e sustentável face às alterações climáticas. É por isso que o lema que nos unirá será "Plantas para um mundo sustentável".

A partir da Comissão Organizadora, estamos a trabalhar para garantir o sucesso científico, reunindo jovens investigadores (PhD-meeting) e oradores de prestígio, proporcionando espaços de discussão e troca de ideias, e para que tenham uma estadia feliz na nossa acolhedora cidade cujos 1200 anos de história estão ligados à cultura da água e ao seu fértil "huerta".

Encorajamo-lo a preparar-se comunicações inspiradoras que nos permitam avançar no conhecimento da biologia das plantas.

Esperamos vê-los em Múrcia!

Comité Organizador do IPB-25

Welcome Message

Dear colleagues,

It is a great pleasure to invite you to the Iberian Plant Biology-2025 Congress (IPB-25) which, on behalf of the Spanish and Portuguese Plant Biology Societies, will be held in Murcia (Spain) from 1 to 4 July 2025.

This biennial congress corresponds to the XXVI Meeting of the Spanish Society of Plant Biology (SEBP), of which we will celebrate in a very special way its 50th anniversary, and to the XIX Spanish-Portuguese Congress of Plant Biology. We are convening researchers and anyone interested in understanding how plants function at all levels of integration: molecular, cellular, organ and plant, as well as providing solutions so that the relationship between plants and the environment can lead us to a greener and more sustainable world to tackle climate change. That is why the motto that will unite us will be "Plants for a sustainable world".

From the Organising Committee we are working to ensure scientific success, bringing together young researchers (PhD-meeting) and prestigious speakers, providing spaces in which we can discuss and exchange ideas, and so that you have a happy stay in our welcoming city, whose 1200 years of existence are linked to the culture of water and its fertile 'huerta'.

We encourage you to prepare inspiring communications that will allow us to advance in the knowledge of plant biology.

We look forward to seeing you in Murcia!

Organising Committee of IPB-25

COMMITTEES

ORGANIZING COMMITTEE

M^a Carmen Ruiz Sánchez
CEBAS-CSIC, Murcia

M^a Jesús Sánchez Blanco
CEBAS-CSIC, Murcia

Juan José Alarcón Cabañero
CEBAS-CSIC, Murcia

M^a Fernanda Ortuño Gallud
CEBAS-CSIC, Murcia

M^a Rosario Conesa Saura
CEBAS-CSIC, Murcia

M^a José Gómez Bellot
CEBAS-CSIC, Murcia

Rosa M^a Rivero Vargas
CEBAS-CSIC, Murcia

Francisca Sevilla Valenzuela
CEBAS-CSIC, Murcia

Nieves Fernández García
CEBAS-CSIC, Murcia

Francisco Pérez Alfocea
CEBAS-CSIC, Murcia

Jorge Marques da Silva
Universidade do Lisboa, Portugal

Teresa Lino-Neto
Universidade do Minho, Portugal

M^a Ángeles Pedreño García
Facultad de Biología, Universidad de Murcia

Catalina Egea Gilabert
ETSIA-Universidad Politécnica de Cartagena (UPCT), Murcia

M^a Pilar Flores Fernández-Villamil
IMIDA, Murcia

Jose Ramón Acosta Motos
Universidad Católica San Antonio (UCAM), Murcia

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SCIENTIFIC COMMITTEE

Ana Marta Pereira
Universidade do Porto, Portugal

Juan Carlos del Pozo
CBGP UPM/INIA-CSIC, Madrid

M^a Jesús Cañal Villanueva
Universidade de Oviedo

Pablo Leivar Rico
IQS Instituto de Química Sarria (URamón Llull)

Helena Freitas
Universidade Coimbra, Portugal

Alejandro Galindo
IMIDA, Murcia

Pilar Cubas
C N Biotecnología (CNB-CSIC), Madrid

José Tomás Matus
Instituto Integrative Systems Biology, Valencia

Asunción Morte
Universidade de Murcia

M^a José Pozo
Estación experimental del Zaidin, Granada

Sara Izquierdo Zandalinas
Universidade Jaume I, Castellón

Sergi Munné-Bosch
Universidade Barcelona

Joaquim Miguel R.C. Costa
ISA, Universidade de Lisboa, Portugal

Cristina Romero Trigueros
CEBAS, Murcia

Francisco Javier Cejudo
Universidade de Sevilla

Enrique Olmos Aranda
CEBAS, Murcia

Manuel Rodríguez-Concepción
IBMPCP-CSIC, Valencia

M^a Ángeles Ferrer Ayala
UPCT, Murcia

Paula Baptista
I Politécnico Bragança, Portugal

Virginia Hernández Santana
IRNAS-CSIC, Sevilla

Teresa Altabella Artigas
President SEBP

Teresa Lino-Neto
President SPBP

M^a Carmen Ruiz Sánchez
Chairperson of IPB-2025

4TH PHD MEETING IN PLANT BIOLOGY

The 4th PhD Meeting in Plant Biology (4PMPB) is an international meeting for PhD students and young postdocs that will be held in Murcia (Spain) in the morning 1st of July as an extra activity of the Iberian Plant Biology-2025 (IPB2025): XXVI Meeting of the Spanish Society of Plant Biology and XIX Spanish Portuguese Congress of Plant Biology.

4PMPB is a biennial meeting organized by Spanish and Portuguese PhD students, with the main goal of bringing plant biology closer to young researchers and satisfying their scientific interest in this topic.

PhD students and young postdoctoral researchers (<2-3 years after finishing their PhD) will have the opportunity to present their work and build networks with other researchers in the same field of study.

All participants will be able to make a flash-talk presentation (2-4 min) together with a poster (to be displayed in the Poster Room). Thereby, they will be capable to share their scientific findings and receive a feedback of their works in a friendly atmosphere.

All abstracts will be reviewed by the 4PMPB-Committee, along with the Scientific Committee of the IPB-2025.

ORGANIZING AND SCIENTIFIC COMMITTEE

María Rosario Conesa Saura. Postdoct from CEBAS-CSIC, Murcia, Spain (mrconesa@cebas.csic.es)

María José Gómez Bellot. Postdoct from CEBAS-CSIC, Murcia, Spain (mjgb@cebas.csic.es)

Inmaculada Román García. PhD student from CEBAS-CSIC, Murcia, Spain (iroman@cebas.csic.es)

Miriam Pardo Hernández. PhD student from CEBAS-CSIC, Murcia, Spain (mpardo@cebas.csic.es)

Ana Marques. PhD student from Universidad do Minho, Portugal (ana.cata98.am@gmail.com)

Ana Belén Mira García. Postdoct from University of Bologna, Italy (anabelen.miragarcia@unibo.it)

Alicia Sánchez Sánchez. PhD student from IMIDA, Murcia, Spain (alicia.sanchez15@carm.es)

Isabel M. Martínez Alcalá. Posdoct from UCAM, Murcia, Spain (immartinezcalca@ucam.edu)

PROGRAMME

The 4thPMPS will be divided into the following 4 sessions, combining the 10 sessions of the main Congress:

1. Growth, Development and Production
2. Metabolism and Biochemistry.
3. Abiotic Stresses and Climate Change.
4. Plant Biology and Biotechnology.

AWARDS

Best presentation from each session will be awarded with a certificate of the 4PMPB.

REGISTRATION AND ACCOMMODATION

The registration is open for PhD student and young postdoctoral researchers, indicating your interest in attending the 4th PhD-Meeting at the time of registration.

The registration fee includes full day access to all programming and coffee breaks, along with the access to the PhD night meeting (to be arranged in the evening of 2nd July).



PROGRAMME

TUESDAY (1 ST JULY)	
08:00	Registration / Poster set up
	4TH PHD-MEETING
08:30	Coffee Break
	4TH PHD-MEETING (CONT.)
13:00	CLOSING 4TH PHD-MEETING & AWARD CEREMONY
14:00	Lunch / poster view
16:00	OPENING CEREMONY IPB-25
	LECTURE.
16:30	- Pilar Cubas Plant Molecular Genetics Department, Centro Nacional de Biotecnología - CSIC, Universidad Autónoma de Madrid, Spain
17:30	NOMINATION OF HONORARY MEMBERS OF THE SEBP
¿?	Coffee Break
	ROUND TABLE ON PLANT BIOLOGY
18:00	"WHAT have we done and WHERE we want to go" PARTICIPANTS: Founding Members and Presidents of the SEBP Members awarded with the Sabater Award
20:00	COCKTAIL 50TH ANNIVERSARY SEBP

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WEDNESDAY (2 ND JULY)	
08:00	Registration
08:30	PLENARY. - Christian S. Hardtke Department of Plant Molecular Biology. University of Lausanne. Switzerland
	SESSION-1
09:30	1. DESARROLLO VEGETAL Y BIOLOGÍA DE LA POSCOSECHA DESENVOLVIMENTO DAS PLANTAS E BIOLOGIA PÓS-COLHEITA PLANT DEVELOPMENT & POST-HARVEST BIOLOGY Moderators - Ana Marta Pereira. Universidad de Porto, Portugal - Juan Carlos Del Pozo. CBGP UPM/INIA-CSIC, Madrid - Virginia Hernández Santana. IRNAS-CSIC, Sevilla - M^a Ángeles Ferrer Ayala. UPCT, Murcia
11:00	Coffee Break
	SESSION-1
11:30	1. DESARROLLO VEGETAL Y BIOLOGÍA DE LA POSCOSECHA DESENVOLVIMENTO DAS PLANTAS E BIOLOGIA PÓS-COLHEITA PLANT DEVELOPMENT & POST-HARVEST BIOLOGY Moderators - Ana Marta Pereira. Universidad de Porto, Portugal - Juan Carlos Del Pozo. CBGP UPM/INIA-CSIC, Madrid - Virginia Hernández Santana. IRNAS-CSIC, Sevilla - M^a Ángeles Ferrer Ayala. UPCT, Murcia
13:30	Lunch / poster view
	SESSION-2 & SESSION-3
15:00	2. BIOTECNOLOGÍA Y BIOLOGIA SINTÉTICA EN PLANTAS BIOTECNOLOGIA VEGETAL E BIOLOGIA SINTÉTICA PLANT BIOTECHNOLOGY & SYNTHETIC BIOLOGY Moderators - M^a Jesús Cañal Villanueva Universidad de Oviedo - Pablo Leivar IQS Instituto de Química Sarria (URamon Llull) 3. ECOFISIOLOGÍA VEGETAL Y CAMBIO CLIMÁTICO ECOFISIOLOGIA VEGETAL E ALTERAÇÕES CLIMÁTICAS PLANT ECOPHYSIOLOGY & CLIMATE CHANGE Moderators - Helena Freitas Universidad de Coimbra, Portugal - Alejandro Galindo IMIDA, Murcia

WEDNESDAY (2ND JULY)

17:00	Coffee Break
17:30	ROUND TABLE Artificial Intelligence: role in Plant Biology - Alfonso Ureña . Universidad de Jaén - Cristina de Andrés Gil . Groditech, Almería - M^a José Aranzana . RTA-CRAG, Barcelona Moderator: María Reguera Blazques . UAM, Madrid
20:00	City tour (City council) PhD's Night



THURSDAY (3RD JULY)

08:30	PLENARY. - Jane E. Parker Department of Plant-Microbe Interactions, Max-Planck Institute for Plant Breeding Research, Germany
09:30	SESSION-6 6. ESTRESSES ABIÓTICOS STRESSES ABIÓTICOS ABIOTIC STRESSES Moderators - Sara Izquierdo Zandalinas . Universidad Jaume I, Castellón - Sergi Munne-Bosh . Universidad de Barcelona - Paula Baptista . I Politecnico Bragança, Portugal - Francisco Javier Cejudo . Universidad de Sevilla
11:00	Coffee Break
11:30	SESSION-6 6. ESTRESSES ABIÓTICOS STRESSES ABIÓTICOS ABIOTIC STRESSES Moderators - Sara Izquierdo Zandalinas . Universidad Jaume I, Castellón - Sergi Munne-Bosh . Universidad de Barcelona - Paula Baptista . I Politecnico Bragança, Portugal - Francisco Javier Cejudo . Universidad de Sevilla
13:30	Lunch / poster view
15:00	PLENARY. - Christine A. Raines School of Life Sciences, University of Essex, UK
16:00	ROUND TABLE Women's Perspective in Science - Ángeles Aroca . Universidad de Sevilla - M^a Ángeles Pedreño . Universidad de Murcia - Teresa Neto . Universidad de Minho, Portugal Moderator: Rosa Rivero . CEBAS-CSIC, Murcia
17:00	Coffee Break

SESSION-4 & SESSION-7		
17:30	4. BIOLOGÍA DE SISTEMAS Y BIOINFORMÁTICA BIOLOGIA DE SISTEMAS E BIOINFORMÁTICA SYSTEMS BIOLOGY & BIOINFORMATICS	7. RELACIONES HÍDRICAS Y NUTRICIÓN MINERAL RELAÇÕES HÍDRICAS E NUTRIÇÃO MINERAL WATER RELATIONS & MINERAL NUTRITION
	Moderators - Pilar Cubas C N Biotecnología (CNB-CSIC), Madrid - Tomas Matus Institute Integrative Systems Biology, Valencia	Moderators - J. Miguel R.C. Costa ISA, Universidade de Lisboa, Portugal - Cristina Romero Trigueros CEBAS, Murcia
	19:00	MEETING SEBP
21:00	Congress Dinner	

FRIDAY (4 TH JULY)		
SESSION-5, SESSION-8 & SESSION-9		
08:30	5. INTERACCIONES BIÓTICAS INTERACÇÕES BIÓTICAS BIOTIC INTERACTIONS	8. FOTOSÍNTESIS Y BIOLOGÍA CELULAR FOTOSSÍNTESE E BIOLOGIA CELULAR PHOTOSYNTHESIS & CELL BIOLOGY
	Moderators - Asunción Morte Universidad de Murcia - M^a José Pozo Estación experimental del Zaidin, Granada	9. METABOLISMO Y BIOQUÍMICA METABOLISMO E BIOQUÍMICA PLANT METABOLISM & BIOCHEMISTRY
		Moderators - Enrique Olmos CEBAS, Murcia - Manuel Rodríguez-Concepción IBMP-CP-CSIC, Valencia
11:00	Coffee Break	
11:30	SABATER LECTURE. - Noel Blanco Touriñan Junior Lecturer, Postdoctoral researcher. Department of Plant Molecular Biology (DBMV) – Faculty of Biology and Medicine, University of Lausanne.	
13:00	CLOSING CEREMONY	

ROUND TABLE SPEAKERS



Alfonso Ureña

Universidad de Jaén, Spain



Cristina de Andrés Gil

Groditech, Almería, Spain



M^a José Aranzana

IRTA-CRAG, Barcelona, Spain



María Reguera Blazques

UAM, Madrid, Spain



Ángeles Aroca

Universidad Sevilla, Spain



M^a Ángeles Pedreño

Universidad Murcia, Spain



Teresa Lino-Neto

Universidade Minho, Portugal



Rosa Rivero

CEBAS-CSIC, Murcia, Spain

PLENARY SPEAKERS



Jane E. Parker

*Department of Plant-Microbe Interactions,
Max-Planck Institute for Plant Breeding Research, Germany*



Christian S. Hardtke

*Department of Plant Molecular Biology
University of Lausanne
Switzerland*



Christine A Raines

*School of Life Sciences,
University of Essex, UK*



Pilar Cubas

*Plant Molecular Genetics Department,
Centro Nacional de Biotecnología - CSIC,
Universidad Autónoma de Madrid, Spain*



Noel Blanco Touriñán

*Junior Lecturer, Postdoctoral researcher. Department of Plant Molecular
Biology (DBMV) – Faculty of Biology and Medicine, University of Lausanne.*



GENERAL INFORMATION



DATES

1st - 4th July, 2025



VENUE

Auditorio y Centro de Congresos "V́ctor Villegas"
Avda. Primero de Mayo s/n, 30006 Murcia (Spain)

ABSTRACT SUBMISSION KEY DATES

- Abstract submission start date: January 15th, 2025
- Deadline for abstract submission: May 2nd, 2025
- Evaluation by the Scientific Committee: May 2nd to June 2nd, 2025
- Notification to authors of session and mode of submission: from June 2nd, 2025



REGISTRATION

PRECIO / PREÇOS FEES	TEMPRANA ANTECIPADA EARLY	REGULAR until 30/06/2025	EN EL LUGAR NO LOCAL ON SPOT 1/07/25 to 4/07/25
	Standard/Premium	Standard/Premium	Standard
Socios/Sóci- os/ Members SEBP-SPBP	390€ / 440€*	440€ / 490€*	500€
No socios/Não sócios/Non- members SEBP-SPBP	450€ / 500€*	500€ / 550€*	560€
**Estudiantes/ Estudantes/Students members SEBP- SPBP	170€ / 220€*	200€ / 250€*	220€
**Estudiantes/ Estudantes/Students non members SEBP- SPBP	200€ / 250€*	230€ / 280€*	250€
PRECIO / PREÇOS FEES	TEMPRANA ANTECIPADA EARLY until 31/03/2025	REGULAR until 30/06/2025	EN EL LUGAR NO LOCAL ON SPOT 1/07/25 to 4/07/25
***Acompañante / Acompanhante / Companion	75€	80€	100€

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Standard Registration includes:

- Presentation of one communication.
- Access to the Congress sessions, Congress documentation, Lunches (days 1, 2, and 3 July) and coffee breaks (days 1, 2, 3 and 4 July).
- Cocktail, July 1st

*Premium Registration includes:

Standard + City tour & PhD night forum (only for students), July 2nd + Art exhibition & Congress dinner, July 3rd

**Students (undergraduate, MSc and PhD students):

Registration includes: presentation of one communication, access to the Congress sessions, Lunches and Meals, Congress documentation. + 4th PhD-Meeting, PhD's night event.
Important: payment in the current academic year will serve as proof of student status.

***Companion

Access to social events included: cocktail 1/07, city tour 2/07, congress dinner 3/07.

Both SEBP and SPBP will offer scholarships to student members upon request. The SEBP offers 20 grants for PhD students to cover the early registration fee to the Iberian Plant Biology 2025 Congress in Murcia.

The applicants should be members of the SEBP and submit a first author communication or poster.

The deadline to present applications is March, 15th, 2025.

You can find the detailed instructions and the application form in www.sebp.es

SPBP funds 8 scholarships to cover early registration of PhD students at the Iberian Plant Biology 2025 Congress in Murcia. Candidate requirements as well as the application procedure can be found here.



ACCOMMODATION

For hotel reservations, please contact: m.doloresiniesta@viajescombos.com
Indicating the following information: name and surname, address, NIF, type of room (single, double, triple), check-in date and check-out date.



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