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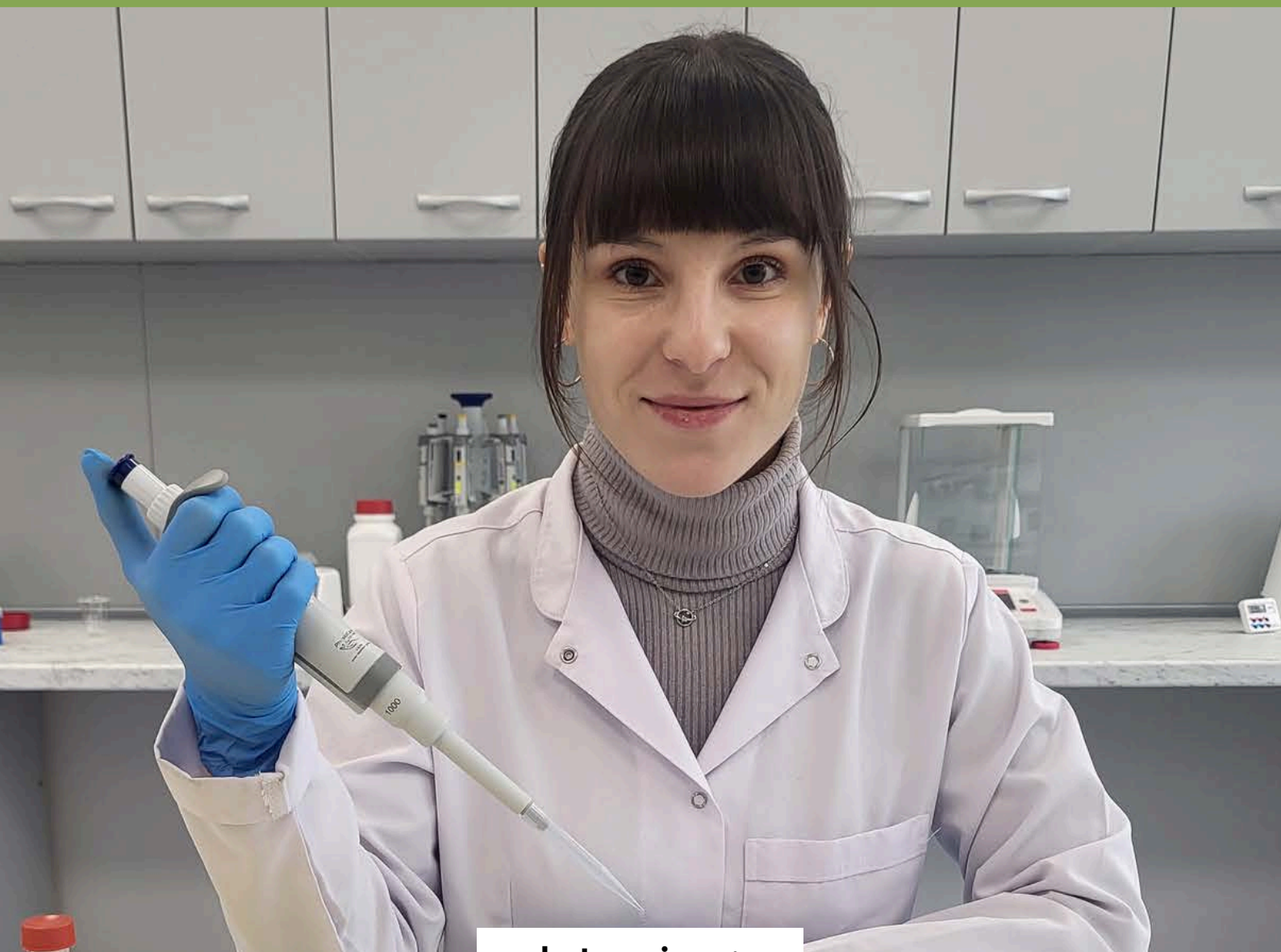


ПРОГРАМА  
НАУЧНИ ИЗСЛЕДВАНИЯ,  
ИНОВАЦИИ И ДИГИТАЛИЗАЦИЯ ЗА  
ИНТЕЛИГЕНТНА ТРАНСФОРМАЦИЯ

CENTER OF PLANT SYSTEMS BIOLOGY AND BIOTECHNOLOGY

ISSUE 10/ 2025

# NEWSLETTER



**Interview:**

**Manuela Stoyanova**

Biologist at CPSBB:

**“Bulgaria will contribute to a major research project  
for improving legumes in Europe”**

**[Read more](#)**



Grant No. BG16RFPR002-1.014-0003

Project "Sustainable development of Center of Plant Systems Biology and Biotechnology Plovdiv", funded by the Operational Programme "Program for Research, Innovation, and Digitalisation for Smart Transformation" (PRIDST) and co-funded by the European Union.



## CPSBB received funding from the Bulgarian Science Fund for the execution of three scientific projects

### PAGAS



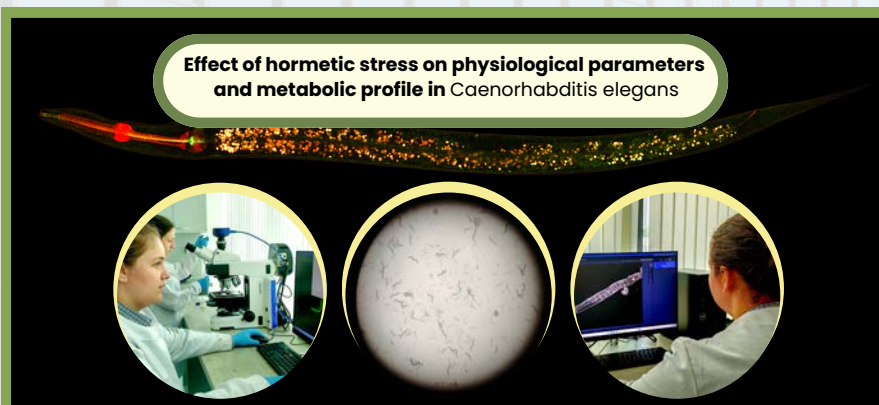
[More information](#)

### BioCrops



[More information](#)

### Effect of hormetic stress on physiological parameters and metabolic profile in *Caenorhabditis elegans*



[More information](#)



CPSBB will conduct researches on photoaging with an innovative 3D skin diagnostics system



A new tomato variety, developed in partnership between CPSBB and MVCRI, was awarded for best innovation by AGRA 2025



The Head of the "Plant Cell Biotechnology" Department of CPSBB was elected as a member of the Management Board of Bulgarian Academy of Sciences



A public exhibition in the center of Plovdiv marks 10 years since the establishment of CPSBB in Bulgaria



A knowledge-exchange on studying the mechanisms of metabolic disorders associated with aging was carried out between CPSBB and the University of Athens



CPSBB took part in an entrepreneurship training course initiated by the UNWE and the SciEntBG Hub



CPSBB presented policies and good practices on gender equality in the workplace



CPSBB presented results from the application of technologies for irrigation, fertilization and climate control in demo point "Science" within the AgroDigiRise project



CPSBB is a consortium member of a large-scale international project for food security in eight African countries



CPSBB researchers conduct a large-scale metabolomic study of thousands of plants from botanical gardens in Bulgaria and Germany



CPSBB conducted a training in statistics for agricultural producers and farmers



Education and career opportunities at CPSBB were presented during the “Career Day” at the Agricultural University of Plovdiv

# UPCOMING EVENTS

Scientists from 50 countries will gather in Bulgaria for knowledge-exchange in the development of natural compounds for medicine and pharmacy  
27-30 May 2025 г.

## SPEAKERS



**PROF. DR. JEAN-LUC WOLFENDER**  
INSTITUTE OF PHARMACEUTICAL  
SCIENCES OF WESTERN SWITZERLAND,  
UNIVERSITY OF GENEVA  
(SWITZERLAND)



**PROF. DR. KRYSZYNA SKALICKA-  
WOZNIAK**  
VICE PRESIDENT OF THE  
PHYTOCHEMICAL SOCIETY OF EUROPE,  
MEDICAL UNIVERSITY OF LUBLIN  
(POLAND)



**PROF. DR. ZORA DAJIĆ STEVANOVIĆ**  
PRESIDENT OF THE THE ASSOCIATION  
FOR MEDICINAL AROMATIC PLANTS OF  
SOUTHEAST EUROPEAN COUNTRIES,  
UNIVERSITY OF BELGRADE  
(SERBIA)



**PROF. DR. CHIN-KUN WANG**  
CHUNG SHAN MEDICAL UNIVERSITY  
(ROC TAIWAN)



**PROF. DR. ELENI SKALTSA**  
EDITOR-IN-CHIEF PHYTOCHEMISTRY  
NATIONAL AND KAPODISTRIAN  
UNIVERSITY OF ATHENS SCHOLL OF  
HEALTH SCIENCES  
(GREECE)



## 6TH INTERNATIONAL CONFERENCE ON NATURAL PRODUCTS UTILIZATION: FROM PLANTS TO PHARMACY SHELF

27-30 MAY 2025, Bansko, Bulgaria



**PROF. DR. ESRA ÇAPANOĞLU  
GÜVENG**  
TECHNICAL UNIVERSITY OF  
ISTANBUL (TÜRKİYE)



**PROF. DR. JOSÉ L. QUILES**  
UNIVERSITY OF GRANADA  
(SPAIN)



**PROF. DR. SIMONE MOSER**  
UNIVERSITY OF INNSBRUCK  
(AUSTRIA)



**PROF. DR. FRANCESCA GIAMPIERI**  
POLYTECHNIC UNIVERSITY OF  
MARCHE (ITALY)



**PROF. DR. ILKAY ERDOGAN  
ORHAN**  
LOKMAN HEKIM UNIVERSITY  
(TÜRKİYE)



**PROF. DR. GEORGI MOMEKOV**  
MEDICAL UNIVERSITY OF SOFIA  
(BULGARIA)



**PROF. DR. FABRIZIO DAL PIAZ**  
UNIVERSITY OF SALERNO  
(ITALY)



**PROF. DR. JIANBO XIAO**  
EDITOR-IN-CHIEF FOOD  
FRONTIERS  
UNIVERSITY OF VIGO  
(SPAIN)



**PROF. DR. ROBERT VERPOORTE**  
EXECUTIVE EDITOR  
BIOTECHNOLOGY LETTERS  
LEIDEN UNIVERSITY  
(THE NETHERLANDS)

## REGISTRATION:

[www.icnpu2025.com](http://www.icnpu2025.com)  
 [mira@cmebg.com](mailto:mira@cmebg.com)  
 (+359) 87 711 0555

## REGISTRATION



[www.icnpu2025.com](http://www.icnpu2025.com)

# UPCOMING EVENTS

## Free online training course "Complementary skills and technology transfer" 06 June 2025



### FREE ONLINE TRAINING COURSE:



### "Complementary skills & Technology transfer"

06 June 2025



### Lecturers and topics:



Prof. Dr. Vasil Kolev

Implementation & Management of scientific projects"



Dr. Veselin Petrov

"Project writing & Project funding"



Dr. Gergana Zahmanova

"Intellectual property & Technology transfer"

[MORE INFORMATION](#)

[REGISTRATION](#)

Online  
Training

[www.cropprime.eu](http://www.cropprime.eu)



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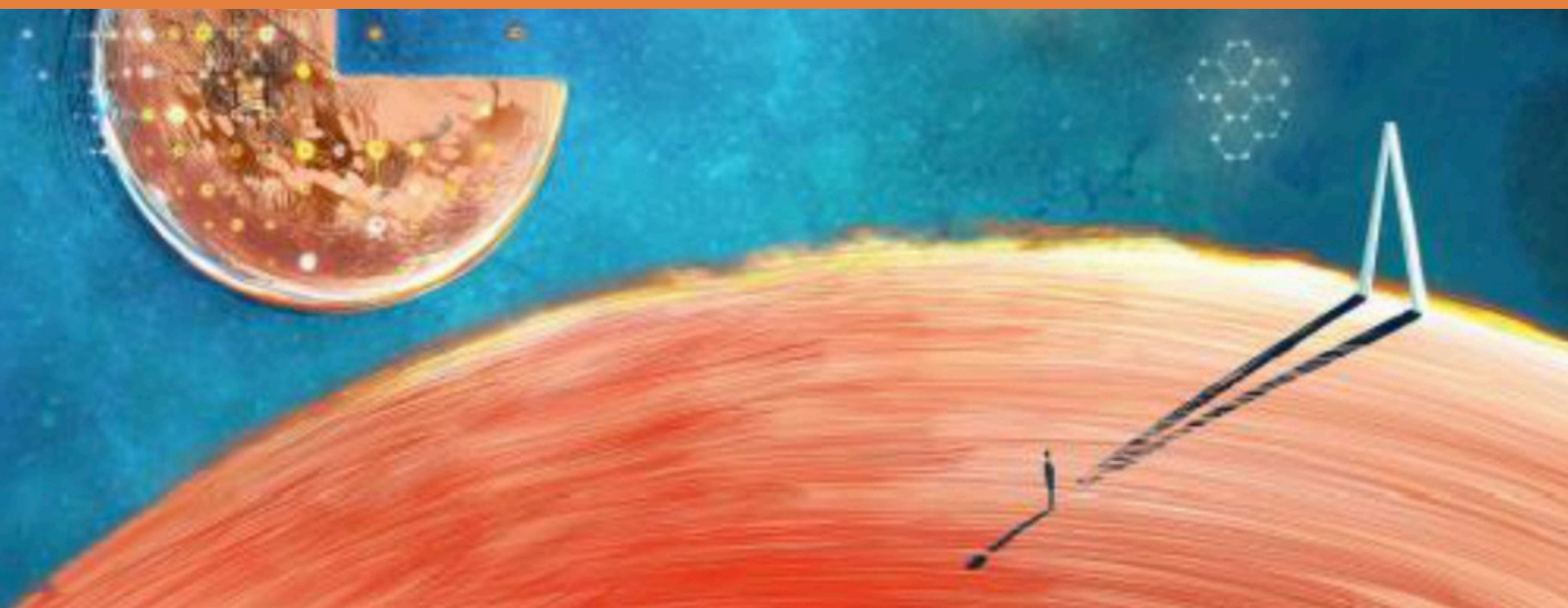
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# UPCOMING EVENTS

For a third consecutive year CPSBB will host  
**Plovdiv Science Festival**  
27-30 November 2025



**Beautiful Science**  
foundation



**INVITATION FOR PARTICIPATION**

**[www.beautifulscience.bg](http://www.beautifulscience.bg)**

## The Bulgarian News Agency presented CPSBB as a successfully implemented European project in Bulgaria



[WATCH](#)



## Some of the scientific developments at CPSBB on longevity and photoaging



[WATCH](#)



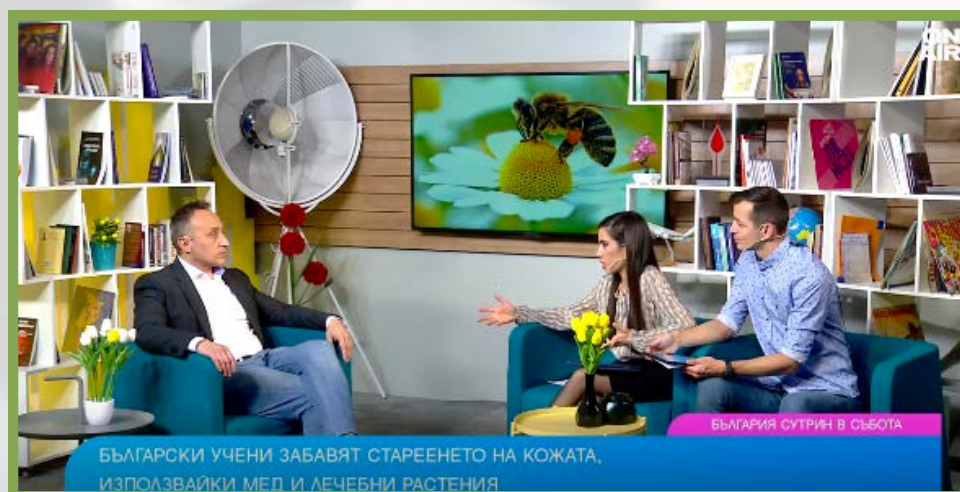
## Scientists from CPSBB with new discoveries of natural compounds



[WATCH](#)



## The human skin begins to age as early as 18-20 years of age



[WATCH](#)



# SCIENTIFIC PUBLICATIONS



[Establishment and development of the Center of Plant Systems Biology and Biotechnology in Plovdiv, Bulgaria](#)



[In Silico identification and characterization of SOS gene family in soybean: Potential of calcium in salinity stress mitigation](#)

The logo for REDOX BIOLOGY, with "REDOX" in a large, white, bold font and "BIOLOGY" in a smaller, white, bold font, both set against a dark purple background with a subtle gradient.

REDOX  
BIOLOGY

[Model organisms for investigating the functional involvement of NRF2 in non-communicable diseases](#)



[Lipidomics-based association study reveals genomic signatures of anti-cancer qualities of pigmented rice sprouts](#)



[READ ALL PUBLICATIONS OF CPSBB](#)



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Европейския съюз



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