



BIOFUTUR 2026

1st INTERNATIONAL CONGRESS ON INNOVATIONS IN BIOPOLYMERS, BIORESOURCES AND BIOPROCESSES

Shaping the Future of Bio-Innovation

MAY 31 – JUNE 2, 2026 | DJERBA, TUNISIA



DAY 1 • SUNDAY, MAY 31ST, 2026

15:30 – 16:30 Participants registration and welcome

OPENING CEREMONY (16:30 – 17:10)

- 16:30 – 16:35 Prof. Lazhar ZOURGUI (ISBAM, UNIVGB) Welcome Address by the Congress President
- 16:35 – 16:40 Prof. Sameh SASSI AYDI (FSG, UNIVGB) Welcome Address by the Chair of the Organizing Committee
- 16:40 – 16:50 Prof. Mehrez ROMDHANE (President of UNIVGB) Strategic Vision for Research Development at the University of Gabès
- 16:50 – 17:00 Prof. Naceur ETTAYEB (Director of ISBAM) Academic Programs and National and International Collaborations at ISBAM
- 17:00 – 17:10 Dr. Amine ELGHERYENI (President of ATRSIPI) Address by the President of the Tunisian Association for Scientific Research, Innovation and Intellectual Property (ATRSIPI)

RESEARCH PROJECTS, INNOVATION AND INTERNATIONAL COOPERATION (17:10 – 18:30)

- 17:10 – 17:30 Prof. Lazhar ZOURGUI (ISBAM, UNIVGB) Innovative Materials for Sustainable Packaging (NovaPack Project)
- 17:30 – 17:50 Prof. Hana MAALEJ (FSG, UNIVGB) Sustainable Valorization of Olive Stone By-products into High-Value Products (VALOStones Project)
- 17:50 – 18:10 Prof. Radhia GARGOURI (ENIS, US) Shelf-life Enhancing Packaging Systems for Mediterranean Food through Innovative and Circular Solutions Based on Agri-Food Multi-Product Cascade Biorefinery (BIOMEDPACK Project)
- 18:10 – 18:30 Dr. Noomen HMIDET (FSS, US) Scientific Research Methodology: Approaches, Challenges, and Issues in the Era of Artificial Intelligence

19:00 DINNER

DAY 2 • MONDAY, JUNE 1ST, 2026

SESSION 1: SUSTAINABLE BIORESOURCES (08:30 – 10:30)

Conference Topics Moderated by Mrs. Houda GHRISSI

- 08:30 – 09:00 Prof. Francesca VALERIO (ISPA, Italy) Microbial biotechnologies for product innovation and by-product valorization
- 09:00 – 09:30 Prof. Maryna BOSHOF (UFS, South Africa) Valorisation of Opuntia in the agri-food sector
- 09:30 – 10:00 Prof. El Sayed Fathi EL HABBASHA (NRC, Egypt) Sustainable utilization of agro-food waste: concepts and opportunities
- 10:00 – 10:30 Prof. Angel Martinez SANMARTIN (IUA, Spain) Circular economy in the citrus sector: the PRIMA Medmart project
- 10:30 – 11:00 Prof. Riadh KSOURI (CBBC, Tunisia) Unlocking the phytochemical and multifunctional synergy of halophytes

11:00 – 11:15 COFFEE BREAK

SESSION 2: FUNCTIONAL BIOPOLYMERS (11:15 – 12:45)

Conference Topics Moderated by Mrs. Houda GHRISSI

- 11:15 – 11:45 Prof. Suming LI (UM, France) Novel dynamic hydrogels prepared from biobased polymers for applications in tissue engineering and drug delivery
- 11:45 – 12:15 Prof. Faten Mohamed Ibrahim MANSOUR (NRC, Egypt) Valorization of tomato waste: cutin-based biopolymers for packaging applications
- 12:15 – 12:45 Dr. Daniela MAGALHÃES (UCP, Portugal) Valorization of agro-industrial by-products: extraction of biopolymers for edible coatings

12:45 LUNCH

ORAL PRESENTATIONS (15:00 – 18:00)

- | ROOM 1 – SUSTAINABLE BIORESOURCES | ROOM 2 – BIOPROCESSES & BIOPOLYMERS |
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| 15:00 – 16:30 Session Chairs: Prof. Houria OUENNES and Prof. Ferdaous GUASMI | 15:00 – 16:30 Session Chairs: Prof. Zuhra MOHAMED and Prof. Hana MAALEJ |
| 16:30 – 18:00 Session Chairs: Prof. Hanen NAJJA and Prof. Amina MAALEJ | 16:30 – 18:00 Session Chairs: Prof. Nejib HASSAOUI and Prof. Riadh KSOURI |

19:00 DINNER

POSTER PRESENTATIONS (20:30 – 21:30)

- | ROOM 1 | ROOM 2 |
|---|---|
| 20:30 – 21:00 P01 – P10 Session Chairs: Prof. Sameh SASSI AYDI and Prof. Nahed FAKHFAKH | 20:30 – 21:00 P21 – P30 Session Chairs: Prof. Noomen HMIDET and Prof. Khaled ECHWICH |
| 21:00 – 21:30 P11 – P20 Session Chairs: Prof. Hanen BEN AYED and Prof. Sawssen HAJJI | 21:00 – 21:30 P31 – P40 Session Chairs: Prof. Sameh SASSI AYDI and Prof. Nacim ZOUARI |

DAY 3 • TUESDAY, JUNE 2ND, 2026

SESSION 3: ADVANCED BIOPROCESSES, BIOTECHNOLOGY AND RESEARCH VALORIZATION (08:30 – 11:30)

Conference Topics Moderated by Mrs. Houda GHRISSI

- 08:30 – 09:00 Prof. Ebru TOKSOY ÖNER (MU, Türkiye) Microbial and enzymatic levan production under the next-generation industrial biotechnology framework
- 09:00 – 09:30 Prof. Chedly ABDELLY (CBBC, Tunisia) Biotechnological and scientific research implemented by the ANPR
- 09:30 – 10:00 Prof. Houria OUENNES (UMSA, Algeria) New biotechnological advances in assisted reproduction: from research to clinical application
- 10:00 – 10:30 Prof. Sonia KHOUI (CBS, US) Integrated bioprocesses for sustainable bioenergy and biofertilizer production from organic wastes
- 10:30 – 11:00 Dr. Sally EID KHALED (NRC, Egypt) From waste to biofunctional materials: LC-MS metabolite profiling and bioactivity-guided film formation from pomegranate peel
- 11:00 – 11:30 Prof. Özlem ÖZMUTLU KARSLIOGLU (HSW, Germany) Revolutionizing the Mediterranean diet: innovations in sustainable proteins

11:30 – 11:45 COFFEE BREAK

11:45 – 12:00 AWARDS CEREMONY
• Best Oral Presentation
• Best Poster Presentation

12:00 – 12:15 CLOSING CEREMONY

12:15 LUNCH

Digital Book of Abstracts



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