**Program**

**Friday, 02th May 2025**

From 11h00 **Welcome and Participant Registration**

From 14h00 **Check-in Hotel**

***Theme 1: IA in Environmental and Health Monitoring***

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| ***Session 1*** | ***Chairman : Pr. Arnoult D. / Pr. Chaieb M.*** |

17h00 – 17h30 **Conference** **n°1: Pr. Hassen SEDDIK**

Director of the National Engineering School of Tunis, University of Tunis; Tunisia. **"Revolutionizing Medicine with AI: Opportunities and Challenges"**

17h30-19h00 **Oral Communication Session 1- Theme 2**

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| **Lecture Room 1** |
| C1-C12 |

19h00 Dinner

**Saturday, 03rd May 2025**

08h30-09h00 **Inaugural Session**

**Open session n°1 Poster (P1 –P67)**

***Theme 2: Environmental Toxicology : Marine, Air Pollutants and Plant sciences- Climate Change***

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| ***Session 2*** | ***Chairman :*** ***Pr. Krouma A./ Pr. Martinez-Barbera J-P*.** |

09h00 – 09h30 **Conference** **n°2: Pr. Mohamed CHAIEB**

Head of the Research Laboratory Plant Biology and Ecophysiology in arid lands, Faculty of sciences of Sfax, University of Sfax, Tunisia. **« Les moteurs de l’érosion de la biodiversité en Tunisie »**

09h30 – 10h45 **Oral Communication Session 2-Theme 2**

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| **Lecture Room 1**  ***Chairman*** | **Lecture Room 2**  ***Chairman*** |
| ***Pr. Krouma A./ Pr. Martinez-Barbera J-P.*** | ***Pr. Bouamama B./ Pr. Hafedh H.*** |
| C13-C22 | C22bis-C31 |

10h30 –10h45 Coffee break

***Theme 3: Bioactive Products and Research Trends***

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| ***Session 3*** | ***Chairman : Pr. Zorgui L./ Pr. Hamdi- Degobert R.*** |

10h45- 11h15 **Conference** **n°3: Dr. Mohamed JEMAA**

Faculty of Medicine of Tunis, University of Tunis

**“Adaptation of High Throughput Screening in Drug Discovery and Toxicological Screening Tests”**

11h15-11h30 **Talk n° 1:  Dr. Aicha LAOUANI**

USCR Analytical Platform UHPLC-MS &Research in Medicine and Biology, Faculty of Medicine, University of Sousse, Tunisia

**“First in Human: Potential of *Nitraria retusa* Extract in Reducing Obesity and Lipid Levels in Overweight/Obese Women: A Randomized, Double-Blind, Placebo-Controlled Pilot Study"**.

11h30 – 13h00 **Oral Communication Session 3-Theme 3**

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| **Lecture Room 1**  ***Chairman*** | **Lecture Room 2**  ***Chairman*** | **Lecture Room 3 *Chairman*** |
| ***Pr. Saidane D./ Pr. Kilani S.*** | ***Pr. Trabelsi L./ Pr. Zaaboub N.*** | ***Dr. Bzeouich I./***  ***Dr. Chaabane F.*** |
| C32-C40bis | C41-C49 | C50-C58 |

13h00 – 14h45 Lunch

***Theme 4:* *Health Diseases and Innovative Approaches***

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| ***Session 4*** | ***Chairman : Pr. Hassen E./ Pr. Baouab H.*** |

14h45 – 15h15 **Conference n°4: Pr. Damien ARNOULT**

INSERM, Hospital Paul Brousse, Villejuif, Paris, France. **« The eIF2a kinase HRI in innate immunity, proteostasis, and mitochondrial stress »**

15h15 – 15h45 **Conference n°5: Juan Pedro MARTINEZ-BARBERA**

Deputy Director, UCL Great Ormond Street Institute of Child Health Developmental Biology and Cancer Research & Teaching Department

**« Cellular senescence in ageing and cancer »**

15h45 – 16h45 **Oral Communications Session 4-Theme 3 (continued)**

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| **Lecture Room 1**  ***Chairman*** | **Lecture Room 2**  ***Chairman*** |
| ***Pr. Hassen E./ Pr. Baouab H.*** | ***Dr. Chaabane F. / Dr. Boussabeh M.*** |
| C59-C66 | C67-C73bis |

16h45 – 18h 00 **Oral Communications Session 4-Theme 4**

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| **Lecture Room 1**  ***Chairman*** | **Lecture Room 2**  ***Chairman*** | **Lecture Room 3 *Chairman*** |
| ***Pr. Rjiba K./Pr. Ayed I.*** | ***Dr. Laouani A./ Dr. Yatouji S.*** | ***Pr.Ben Hsouna A /*** **Dr.** ***Ben Achour N.*** |
| C74-C82 | C83-C91 | C92-C99bis |

Xeroderma pigmentosum, a DNA repair genetic diseaseof UV-induced DNA lesions :

traits, genetics and translation

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***Theme 5: Food Safety and Microbiology***

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| ***Session 5*** | ***Chairman : Ben Salah R./ Ben Hsouna A.*** |

18h00-18h15 **Talk n°2: Dr. Manel BOUSSABEH**

Fattouma Bourguiba Hospital, **LR01ES17** Laboratory, University of Monastir

**“** **Valorisation des molécules bioactives dans le domaine de la biologie de la reproduction”**

18h15 – 19h00 **Oral Communication Session 5-theme 5**

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| **Lecture Room 1** |
| C100-C106bis |

From 19h00 Dinner

**Sunday, 04th May 2025**

**Open session n°2 Poster (P68 –P134)**

***Theme 6: Nanoparticules and Nanomaterials, new Targeted Delivery Approaches***

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| ***Session 6*** | ***Chairman :*** ***Krouma A./ Kilani S.*** |

09h00 – 09h30  **Conference n° 6: Pr. Ghania HAMDI DEGOBERT**

ISPB Faculty of Pharmacy, Pharmaceutical engineering, University Claude Bernard, Lyon, France

**« Freeze drying of nanomedecines »**

09h30-10h00 **Conference** **n° 7: Pr. Mohamed Hassen BAOUAB**

Monastir Preparatory Institute for Engineering Studies

Physico-Chemistry of Innovative Materials Laboratory (LR (24ES16). University of Monastir

« **Macrocycles Tetra Aza-Microcrystalline Bacterial Cellulose Doped with Magnetite Nanoparticles For Microbiological Application »**

10h00-10h30 Coffee break

10h3–12h00 **Oral Communication Session 6-Theme 6**

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| **Lecture Room 1** | **Lecture Room 1**  **(continued Theme 5)** |
| ***Pr. Baouab H./ Bouhlel I.*** | ***Dr. Zaied C./ Dr. Ben Sghaier M.*** |
| C116-C123 | C107-C115 |

12h00-12h15 **Discussion Recommendations and Closing of the Days**

12h30 – 14h00 Lunch

**NB:**

* C = Oral Communications
* Conference time is 25 minutes and 5 minutes discussion
* Talk time is 15 minutes with discussion
* Oral communications time is 10 minutes
* P= e-Posters will be posted during the day according to the program