

**Scientific Program of the 34th International Congress
of the Tunisian Association of Biological Sciences (ATSB)
June 25-28, 2025, Sousse - Tunisia**

Wednesday, 25 June 2025

13h00 -16h30	Registration	
16h30 -17h00	Opening Ceremony ATSB Activities, Tribute to Former Members Pr. Issam Smaali, ATSB President Few Words to Introduce FEBS /Education Pr. Hatem Fakhfakh, ATSB Vice-President <i>No registrations, they will resume after</i>	
17h00-18h00	Plenary Conference 1	
	Moderators	Pr. Chokri Messaoud & Pr. Nejib Mazouki
	Presented by	Pr. Haythem Mhadhbi , Centre de Biotechnologie de Borj Cedria
	Title	Plant Biostimulation: A Practical Solution for Supporting Sustainable Agriculture and Environnement Safty?
18h00 -20h00	Plenary Mini-Conferences	
	Moderators	Pr. Faiza Fakhfakh, Pr. Abdelilah Chaoui & Pr. Hafedh Belguith
	18h00	Mini-Conference 1: Presented by Dr. Aymen Ezzine, Institut National des Sciences Appliquées et de Technologie Title: Enzymes in Post-Harvest Fruit Treatment as Green Solutions for Sustainable Food Production: Challenges and opportunities.
	18h30	Mini-Conference 2: Presented by Dr. Nejia Farhat, Centre de Biotechnologie de Borj Cedria Title: Using Proteomic Approach to Deeper Understand Halophyte Abiotic Stress Responses: What About <i>Cakile maritima</i> ?
	19h00	Mini-Conference 3: Presented by Dr. Lamia Sakouhi, Institut SylvoPastoral-Tabarka & Faculté des Sciences de Bizerte Title: Correction of Heavy Metal Phytotoxicity by Environmentally Friendly Bio-Inpouts: Case of 5-Aminolevulinic Acid and Melatonin.
	19h30	Mini-Conference 4: Presented by Dr. Walid Ben Selma, Institut Supérieur des Sciences Appliquées et de Technologie de Mahdia Title: The Synergistic Effect of <i>Thymus vulgaris</i> Essential Oil and Carvacrol with Imipenem Against Carbapenem-Resistant <i>Acinetobacter baumannii</i> : in vitro, Molecular Docking, and Molecular Dynamics Studies.
20h00	Dinner	

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Thursday, 26 June 2025

8h30 -10h30	3 Sessions of Oral Communications		
	Room 1:	Room 2:	Room 3:
	Biotechnology 1	Plant Physiology & Biology 1	Environment 1
	Moderators: Pr. Hanem Makni Pr. Bassam Jaouadi Pr. Med Ali Borgi	Moderators: Pr. Mohamed Kharrat Pr. Zouhaier Abbes Pr. Haythem Mhadhbi	Moderators: Pr. Raouf Ben Salah Pr. Hassib Bouallagui Pr. Anis Ben Hsouna
	Comm N° 56-60, 62, 63	Comm N° 36-43	Comm N° 55, 86-89, 91-93
10h30-10h45	Coffee Break <i>Free service at the bar (all-in)</i>		
10h45-11h45	Plenary Conference 2		
	Moderators	Pr. Wahbi Djebali & Pr. Zouhaier Abbes	
	Presented by	Pr. Moez Amri, UM6P - Université Mohammed VI Polytechnique, Maroc	
	Title	Breeding for Resistance to Broomrapes: The Cornerstone of an Integrated and Successful Control Strategy.	
11h45-13h15	3 Sessions of Oral Communications		
	Room 1:	Room 2:	Room 3:
	Biochemistry & MB 1	Pharmaco-Toxicology 1	Animal Physiology & Biology 1
	Moderators: Pr. Hasna Mohammadi Pr. Abderraouf Kenani Pr. Abidi Ferid	Moderators: Pr. Hichem Sebai Pr. Karima Belguith Pr. Raouf Kenani	Moderators: Pr. Olfa Tebourbi Pr. Mohamed Amine Zaouali Pr. Khémais Ben Rhouma
	Comm N° 1, 3-7	Comm N° 17, 111, 115, 118, 119, 122	Comm N° 22-27
13h15 - 14h30	Lunch		
14h30 - 16h30	Poster Session A:	15-20, 35-39, 41-49, 51-65, 89-94	
	Moderators: Pr. Riadh Ben Salah, Pr. Monia Elbour, Pr. Hafedh Belguith, Dr. Aymen Ezzine, Dr. Emna Harigua, Dr. Nawrez Ktari, Dr. Nizar Chaira, Dr. Soumaya Bourgou		
16h30 –16h45	Coffee Break <i>Free service at the bar (all-in)</i>		
16h45-17h45	Plenary Conference 3		
	Moderators	Pr. Hatem Fakhfakh & Pr. Mohamed Makni	
	Presented by	Pr. Erij Messadi, Institut Pasteur de Tunis	
	Title	Linking Basic Cardiovascular Research to the Design and Development of Clinical Drugs: the Therapeutic Potential of Venom Peptides.	
17h45 - 19h30	3 Sessions of Oral Communications		
	Room 1:	Room 2:	Room 3:
	Biotechnology 2	Biochemistry & MB 2	Pharmaco-Toxicology 2
	Moderators: Pr. Bassem Jaouadi Pr. Issam Smaali Comm N° 65-69, 71, 72	Moderators: Pr. Ines Elbini Pr. Abdelrazak Maaroufi Comm N° 9, 10, 12-15	Moderators: Pr. Erij Messadi Pr. Slah Ouerhani Comm N° 112-114, 116, 117, 120, 121, 123
19h30	Dinner		

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Friday, 27 June 2025

8h30 -10h30	3 Sessions of Oral Communications		
	Room 1:	Room 2:	Room 3:
	Biotechnology 3	Plant Physiology & Biology 2	Animal Physiology & Biology 2
	Moderators: Pr. Amel Bouanane Pr. Karima Belguith	Moderators: Pr. Abdelilah Chaoui Pr. Riadh Ksouri	Moderators: Pr. Nabil Attia Pr. Nabil Hamdi
	Comm N° 73, 74, 76, 78-80, 83, 84	Comm N° 44-49, 51, 52	Comm N° 11, 28-35
10h30-10h45	Coffee Break <i>Free service at the bar (all-in)</i>		
10h45-11h45	Plenary Conference 4		
	Moderators	Pr. Issam Smaali & Pr. Mokhtar Hamdi	
	Presented by	Pr. Mohamed Chemkha, Centre de Biotechnologie de Sfax	
	Title	Treatment and Recovery of Waste and By-Products in a Circular Economy	
	3 Sessions of Oral Communications (+ One day)		
	Room 1:	Room 2:	Room 3:
	Biochem/Biotech/Plant	Microbio/Environment	Genetics/ Immunology
	Moderators: Pr. Manel Ben Mhadheb Pr. Neila Trifi Pr. Moez Rhimi	Moderators: Pr. Faten Gorsane Pr. Salwa Zehdi Pr. Monia Elbour	Moderators: Pr. Faiza Fakhfakh Pr. Slah Ouerhani Pr. Mohamed Makni
	Comm N° 2, 8, 50, 72, 80, 107	Comm N°85, 90, 96, 108, 109, 110	Comm N° 102-106
	13h15 - 14h30	Lunch	
14h30 - 16h30	Poster Session B:	2-8, 12, 13, 21-27, 29-33, 66-71, 73-76, 79, 80, 82-88 One day: 1, 9,10, 11, 14, 28, 34, 40, 51, 72, 77, 78, 81, 95	
	Moderators: Pr. Abdelilah Chaoui, Pr. Wahbi Djebali, Dr. Faouzi Horchani, Dr. Hasna Mohammadi, Dr. Hafedh Hajlaoui, Dr. Fatma Hmaied, Dr. Anouar Feriani, Dr. Arafet Manaa		
16h30 –16h45	Coffee Break <i>Free service at the bar (all-in)</i>		
16h45-17h45	Plenary Conference 5		
	Moderators	Pr. Slah Ouerhani & Pr. Abdelilah Chaoui	
	Presented by	Pr. Chiraz Abbes Dhouib, Faculté des Sciences de Bizerte	
	Title	Bacterial Bioremediation and Static Magnetic Fields:	
17h45 - 19h30	3 Sessions of Oral Communications		
	Room 1:	Room 2:	Room 3:
	Biochemistry & MB 3	Plant Physiology & Biology 3	Environment 2
	Moderators: Pr. Haythem Mhadhbi Pr. Mourad Jridi	Moderators: Pr. Chokri Messoud Pr. Krouma Abdelmajid	Moderators: Pr. Mohamed Chamkha Pr. Wahbi Djebali
Comm N° 16, 18-21, 53, 54	Comm N° 61, 64, 70, 75, 77, 81, 82	Comm N° 94, 95, 97-101	
19h30	Dinner		
21H: ELECTIVE GENERAL ASSEMBLY			

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Saturday, 28 June 2024

09h00 -10h00	Plenary Conference 6	
	Moderators	Pr. Manel Ben Mhadheb & Pr. Riadh Ben Salah
	Presented by	Pr. Monia El Bour , Institut National des Sciences et Technologies de la Mer
	Title	Marine Epibiont Bacteria: Biodiversity and Antibacterial Agents to Overcome Antibiotic Resistance.
10h00-10h15	Coffee Break <i>Free service at the bar (all-in)</i>	
10h15-11h45	Plenary Mini-Conferences Pr. Riadh Ksouri, Pr. Khémais Ben Rhouma, Pr. Nabil Attia	
10h15-10h45	Mini-Conference 5: Presented by Dr. Thouraya Majoul, Institut Supérieur des Sciences et Technologie de l'Environnement Title: Grape Seed Extract: A Multifaceted Approach to Health and Sustainability.	
10h45-11h15	Mini-Conference 6: Presented by Dr. Mariem Ben Jemaa, Centre de Biotechnologie de Borj Cedria Title: The Functional Enrichment of Foods with Essential Oils: Between Bioactive Potential and Technological Constraints.	
11h15-11h45	Mini-Conference 7: Presented by Dr. Bouchra Ben Mansour, Faculté des Sciences de Bizerte Title: Diversity of Ectoparasites of <i>Teleost</i> and <i>Chondrichthyan</i> Fishes from Tunisian Coasts.	
11h45 - 12h00	Closing Ceremony	
12h00	Lunch & Departure	

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**Communications classified by Type,
Theme and Alphabetic order:**

ORAL COMMUNICATIONS		
N Comm	Surname	Name
BIOCHEMISTRY AND MOLECULAR BIOLOGY		
1	Abdelkrim	Yosser Zina
2	Abid	Ghassen
3	Alimi	SOUMAYA
4	Aroui	Sonia
5	Belhadjsghaier	Kaouther
6	Bousselmi	Hadir
7	Brahmi	Jihen
8	Darghouthi	Malek
9	Elabed	Selma
10	Emna	Sellami
11	Ghrab	Jamila
12	Harbeoui	Hela
13	Heni	Siwar
14	Herchi	Wahid
15	Jaouadi	Bassem
16	Mariem	Midani
17	Marzouki	Leila
18	Mohammadi	Hasna
19	Ranim	Kroumi
20	Rym	El Fessi
21	Smirani	Nadia
ANIMAL PHYSIOLOGY BIOLOGY AND ECOLOGY		
22	Afoua	mufti

23	Ammar	Rahma
24	Anouar	Feriani
25	Arrari	Fatma
26	Baccari	Hanen
27	Boudiaf	Fella
28	Bouzenna	Nozza
29	Cherif	Asma
30	Chouba	Ibtissem
31	Ferjani	Wafa
32	Grami	Dhekra
33	Hajri	Sarra
34	Rtibi	Kais
35	Sahbani	Nehed
PANT PHYSIOLOGY BIOLOGY AND ECOLOGY		
36	Abdelkrim	Souhir
37	Arraouadi	Soumaya
38	Ben Slima	Wided
39	Bouatrous	Asma
40	Chaabani	Emna
41	Chouikhi	Marwa
42	Dalhoumi	Wejden
43	Ennajah	Amel
44	Hajlaoui	Hafedh
45	Hamdi	Moktar
46	Hosni	Taoufik
47	Issam	Nouairi
48	Karim	KADRI
49	Khaireddine	Leila

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50	Mahmoudi	Hela
51	Mansouri	Sonia
52	Medimagh	Sana
53	Mhamdi	Baya
54	Nawres	Aloui
55	Sai Kachout	Salma
BIOTECHNOLOGY		
56	Hassen	Amrou
57	Abdelhai	Moufida
58	Belhaj	Ines
59	Ben Hlel	Takoua
60	Ben Hmad	Ines
61	Ben Jouira	Hatem
62	Ben Mansour	Rim
63	Ben Yahmed	Nesrine
64	Ben Youssef	Rim
65	Boutara	Meryem
66	Dahmen	Ines
67	El Haj Mabrouk	Faten
68	Essid	Rym
69	Feki	Firas
70	Goussi	Rahma
71	Hamada	Walid
72	Harbaoui	Amel
73	Hmissi	Soumaya
74	Ines	Makhlouf
75	Jelali	Nahida
76	Mahmoudi	Hela
77	Manaa	Arafet

78	Saadi	Yusr
79	Sellami	Douja
80	Sila	Assaad
81	Slama	Ines
82	Talbi	Ons
83	Torchi	Ayda
84	Zarai	Nadia
85	Zarroug	Youkabed
ENVIRONMENT		
86	Ben Younes	Sonia
87	Bouallagui	Zouhaier
88	Bouassida	Mouna
89	Daoud	Lobna
90	Elouni	Sana
91	Mhiri	Takwa
92	Feki	Emna
93	Gamraoui	Afef
94	Hiba	Selmi
95	Ibtissem	Ben Hassine
96	Kasmi	Mariam
97	Khouni	Imen
98	Mechergui	Rania
99	Mejri	Nourane
100	Sai	Afef
101	Zenati	Billal
GENETICS AND IMMUNOLOGY		
102	Fehri	Emna
103	Bahia	Wael
104	Chtourou	Khouloud

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105	Mhiri	Dalel
106	Oualha	Rafeh
MICROBIOLOGY AND VIROLOGY		
107	Ben Mhadheb	Manel
108	Benyagoub	Elhassan
109	Ellafi	Ali
110	Marwa	Taboui
PHARMACOLOGY AND TOXICOLOGY		
111	Bekara	Amina
112	Ben Dhif	Yosr
113	Ben Hsouna	Anis
114	Bouanane Darenfed	Amel
115	Elbini	Ines
116	Ghorbel	Imen
117	Hallegue	Dorsaf
118	Hjaij	Sarra
119	Jlassi	AROUA
120	Limam	Hajer
121	Naili	Rahma
122	Neili	Nourelhouda
123	Zerrouki	Khayra

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POSTERS		
N Comm	Surname	Name
BIOCHEMISTRY AND MOLECULAR BIOLOGY		
1	Belkahla	Sana
2	Ben Salah	Riadh
3	Chafaa	Fouad
4	Gatri	Emna
5	Habbachi	Essia
6	Krouma	Abdelmajid
7	Larbi	Essia
8	Mokni	Abir
9	Nouha	ALIMI
10	Oumayma	Tej
11	Saada	Rihab
12	Sakka	Hela
13	Sana	DALLALI
14	Takrouni	Oumayma
ANIMAL PHYSIOLOGY BIOLOGY AND ECOLOGY		
15	Arrari	Fatma
16	Boukhari Benahmed Daidj	Nabila
17	Chabane	Fatima Zohra
18	Jabri	Mohamed Amine
19	Saddikioui	Leila
20	Zgaren	Nawres
PANT PHYSIOLOGY BIOLOGY AND ECOLOGY		
21	Asmi	Sahar
22	Ben Saad	Rania

23	Bouazzi	Arij
24	Hafsi	Chokri
25	Hmissi	Manel
26	Horchani	Faouzi
27	Imen	Tlili
28	Marzouk Ep Refifa	Belsem
29	Marzouki	Hanen
30	Riadh	Ilahy
31	Rzigui	Touhami
32	Saidi	Issam
33	Siwar	Thebti
BIOTECHNOLOGY		
34	Abdelwahed	Syrine
35	Allala	Fawzi
36	Amri	Raja
37	Ayadi	Dorra
38	Azizi	Eya
39	Bejaoui	Amani
40	Ben BRAEIK	Olfa
41	Ben Farhat	Leila
42	Ben Mohamed	Hatem
43	Ben Saad	Rania
44	Ben Salah	Riadh
45	Ben Slima	Sirine
46	Chaira	Nizar
47	Chourou	Mohamed Nour
48	Chtourou Ghorbel	Nidhal
49	Dhaouadi	Aymen

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50	Ferjani	Dhaouadi
51	Flihi	Jihene
52	Gorsane	Faten
53	Guerbej	Hamadi
54	Henchiri	Selma
55	Imen	TRABELSI
56	Laafif	Jaweher
57	Lazreg	Marwa
58	Lella	Mohamed Lemine
59	Maaroufi	Karima
60	Mallek	Sana
61	Manai Djebali	Hedia
62	Mejri	Nahla
63	Naourez	Ktari
64	Ouhibi	Aroua
65	Yengui	Mariem
ENVIRONMENT		
66	Ben Abdallah	Syrine
67	Driss	Fatma
68	Falleh	Hanen
69	Faouzi	Ben Rebah
70	Kourdali	Sidali
71	Mensi	Fethi
72	Sellami	Badreddine
73	Werheni	Rim
GENETICS AND IMMUNOLOGY		
74	Awadi	Asma
75	Ben Jaafar	Sonia

76	Ben Jemia	Zeineb
77	Bourguiba	Hedia
78	Ghariani	Salma
79	Setti Boubaker	Nouha
MICROBIOLOGY AND VIROLOGY		
80	Abassi	Sarra
81	Abidi	Sabrine
82	Aouadhi	CHEDIA
83	Ayari	Wael
84	Fakhfakh	Hatem
85	Khadraoui	Nadine
86	Khemakhem	Bassem
87	Limam	Hajer
88	Zmantar	Tarek
PHARMACOLOGY AND TOXICOLOGY		
89	Bedoui	Arij
90	Bourgou	Soumaya
91	Harigua	Emna
92	Nourhne	Dhawefi
93	Othmani	Sirine
94	Sadraoui	Raoudha
95	Chihaoui	Seif-Allah