



18 – 19 June 2025
Yarmouk University - Jordan

**The 9th Conference for Women in Science without Borders:
 Building Borderless Future of Inclusion and Resilience**

Conference Program

First day: Wednesday, June 18, 2025		
Main Conference Hall – Conference and Seminar Building		
Attendance and reception 9:00 – 10:00		
Conference Opening Ceremony 10:00 – 11:00		
10:00 – 10:05	The Royal Anthem	
10:05 – 10:10	Holy Quran	
10:10 – 10:25	Conference Host Message Prof. Dr. Islam Massad	President of Yarmouk University
10:25 – 10:30	Short Film (Women at Yarmouk University – Approach and Strategy)	
10:30 – 10:40	Speech of the sponsor H.E. Prof. Dr. Rowaida Maaytah	Chairman of the Board of Trustees of Yarmouk University
10:40 – 10:55	Honoring the speakers at the conference	
10:55 – 11:00	A short film about the “Women in Science Without Borders” group: presented by its founder, Prof. Amal Amin	
Opening Session / Chair: Prof. Hanan Malkawi – Department of Biological Sciences 11:00 – 12:15		
11:00 – 11:15	H.E. Ms. Wafa Bani Mustafa	Minister of Social Development and Chairperson of the Ministerial Committee for the Empowerment of Women.
11:15 – 11:30	H.E. Dr. Haifa Yousef Al Najjar	Former Chairman of the Culture, Youth and Sports Committee in the Jordanian Senate - Former Minister of Culture
11:30 – 11:45	H.E. Prof. Suhad Al-Jundi	Member of the Jordanian Senate
11:45 – 12:00	H.E. Prof. Dr. Hanan Al-Saboul	President of the U.S. Pharmacopoeia and Secretary General of the Jordanian Federation of Pharmaceutical Producers
12:00 – 12:15	H.E. Prof. Aya Al-Asmar	Head of the Jordanian Dentists’ Syndicate
Break 12:15 – 12:30		





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Key Session 1: Technological Promotion of Women Chairman: Prof. Wesam Al-Khateeb 12:30 – 2:00 Main Conference Hall - Conference and Seminar Building		
12:30 – 12:45	Muslim Women Lead Scientific and Technological Progress: Leading, Innovation, and Impact	Prof. Hanan Malkawi Department of Biological Sciences – Yarmouk University
12:45 – 1:00	Endothylene-1 as a central inflammatory indicator at risk of atherosclerosis cardiovascular disease and therapeutic intervention: insights from a study of a set of biomarkers	Prof. Fadia Mayyas Vice President for Planning, Scientific Research, and Quality Yarmouk University
1:00 – 1:15	From Barriers to Bridges: Empowering Women in Science for a Resilient and Inclusive Future	Prof. Abeer Al-Bawab Director of the Nanotechnology Center (University of Jordan) Professor of Applied Physical Chemistry, University of Jordan
1:15 – 1:30	Breaking down barriers: promoting women's participation in science through decent work and gender-sensitive labour standards	Prof. Reem Aslan Director of the Decent Work for Women Programme and Gender Technical Specialist Regional Office for Arab States ILO – International Labour Standards
1:30 – 1:45	Inclusion of underrepresented groups in science.	Dr. Maria Stavropoulou Representative of the United Nations High Commissioner for Refugees (UNHCR) in Jordan
1:45 – 2:00	Nano-assisted trihalose delivery to enhance drought tolerance in wheat: a sustainable approach to food security	Prof. Mariam Al-Henai Biotechnology Research Department Directorate General of Agricultural and Animal Research Ministry of Agriculture, Fisheries and Water Resources Oman
Coffee break 2:00 – 2:30		





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Key Session 1 (2): Empowering Jordanian Women Chairman: Dr. Ruba Al-Akash 12:30 – 2:15 Circular Hall - Conference and Seminar Building		
12:30 – 12:45	Women in Science: History, Figures, Statistics and Achievements	Dr. Ali Khawaldeh Secretary General of the Ministry of Political and Parliamentary Affairs
12:45 – 1:00	The role of vocational training centers in empowering women	Ms. Fadwa Ajlouni Director of the Vocational Training Institute Ramtha Branch
1:00 – 1:15	Jordanian Women: Development Leadership and the Title of Volunteerism	Dr. Kholoud Al-Zoubi Al-Khasawneh Faculty of Business – Yarmouk University
1:15 – 1:30	Dietary patterns during social and cultural events and their association with chronic diseases among women in Jordan: a cross-sectional study	D. Anwar Eiadat & Dr. Ishraq Aljamel Irbid National University
1:30 – 1:45	Using artificial intelligence and cybersecurity techniques to protect women	Dr. Batoul Al-Muhaisen & Dr. Mohammed Al-Widyan Princess Basma Center for Jordanian Women's Studies Yarmouk University
1:45 – 2:00	Smashing a New Glass Ceiling: A Case Study of Jordanian Women Leading International Projects	D. Nancy Dughmi Faculty of Arts - Yarmouk University
2:00 – 2:15	The role of Jordanian women in managing volunteer work crises from the perspective of leaders working in the social field	Prof. Dr. Haifa Fayyad College of Sharia and Islamic Studies - Yarmouk University
Coffee break 2:15 – 2:30		





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Key Session 2 (1): Vital Research Moderator: Dr. Mohammed Al Qadri 2:30 – 4:15 Main Conference Hall - Conference and Seminar Building		
2:30 – 2:45	HIV infection: the role of peptides and their new applications	Dr. Nayera Mohammed Department of Microbial Biotechnology Biotechnology Research Institute, Egypt
2:45 – 3:00	PVDF-ZnO-Green clay nano composite membrane for water treatment	Nour Al , Nairat Oman
3:00 – 3:15	Evaluation of the biological remediation process of crude oil by decomposing fungi and yeasts	Adhari Saeed Al Kalbani PhD Student, Sultan Qaboos University, Sultanate of Oman
3:15 – 3:30	Inhibition of HSP90 changes the gene expression pattern of PINK1 and BNIP3 and causes oxidative stress in colon cancer cells.	Dr. Fatima Mahasneh Faculty of Medicine – Yarmouk University
3:30 – 3:45	Targeting the HSP90 protein alters the protiazum system in colon cancer cells and enhances immune recognition pathways.	Dr. Aglal Abu Al-Rub Faculty of Medicine – Yarmouk University
3:45 – 4:00	Modern methods in analyzing big data for indicators of Jordanian women's participation in the economy	Dr. Salma Al Mutlaq Applied Science Private University
4:00 – 4:15	Intersecting Landscapes of Exclusion: Mothers' Perceptions and Spatial Tactics in the Public Spaces of Amman Downtown	Lama Akmeel Tianjin University / China
4:15 – 4:30	Empowering Women in Scientific Research and Education: Towards Active and Constructive Participation	Iman Aboushi Department of Chemistry – Yarmouk University
Closing of the First Day's Sessions		





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Plenary Session 2: Statistical Studies Chairman: Dr. Ibrahim Darwish 2:30 – 4:30 Circular Hall - Conference and Seminar Building		
2:30 – 2:45	Reimagining science from the fringes: feminist practice, forced migration, and a future without borders	D. Dina Seedva (University of the West of Scotland, UK) George Palatel (University of Edinburgh, UK)
2:45 – 3:00	Gender-based violence and forced migration: Meeting development challenges through the Sustainable Development Goals – lessons learned from Jordan and Uganda	D. Dina Seedva (University of the West of Scotland, UK) George Palatel (University of Edinburgh, UK)
3:00 – 3:15	Exploring women's safety perceptions using factor and cluster analysis: a case study of neighborhood parks in Jordan	Haneen Ahmad Jordan / China
3:15 – 3:30	Missing data, not missing insight: smart models of data science	Dr. Ayat Momani Department of Statistics – Yarmouk University
3:30 – 3:45	Empowering Jordanian women: a comparative study	Raneem Jadallah Al-Khalayleh Department of Statistics / Yarmouk University
3:45 – 4:00	The extent of food waste among Jordanians and its impact on the local economy	Rahma Assaf Department of Statistics / Yarmouk University
4:00 – 4:15	Factors affecting Alzheimer's disease	Irtiqa Al-Zoubi Department of Statistics / Yarmouk University
4:15 – 4:30	Factors affecting BMI	Rahaf Rawashdeh Department of Statistics / Yarmouk University
Closing of the First Day's Sessions		





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The organizing committee of the conference is pleased to invite you to gather at 5:00 PM in front of the conference venue for departure by bus to the ancient city of Um Qais. An enjoyable excursion has been arranged, including lunch at Al Yamama Restaurant. We kindly ask that you arrive on time to ensure a prompt departure.

Sincerely,
The Organizing Committee

Conference Organizing Committee



Note: The conference sessions on the second and third days (June 19–20) will be held online via Zoom to accommodate speakers participating from outside Jordan.

For access to the Zoom lecture links, please visit any of the following pages on the corresponding day:

www.yu.edu.jo/wfws

<https://www.science4humanity.org/programs-and-initiatives/>

<https://women-in-science-without-borders.network/>

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