

KIW

1st International Kurdistan - Italy Scientific
and Cultural Workshop



9th-10th Feb. | 2025

FIRST INTERNATIONAL KURDISTAN - ITALY SCIENTIFIC AND CULTURAL WORKSHOP

Partner Universities:



UPO
UNIVERSITÀ POLITECNICA DI PALERMO



📍 Venue: First Day - Dedeman Hotel

Second Day - Tishk International University- Education Building Hall 302



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PLENARY SESSION PLAN (AGENDA)

Day 1 - Feb 9th, 2025

OPENING CEREMONY

8:30 - 9:00

Registration

9:00 - 11:00

Opening Ceremony

11:00 - 11:10

Speech on Program, Scientific and Collaborations between Kurdistan and Italy
Dr. Pawan Faris Dizaye, President of KIFA

11:10 - 11:40

Tea and Cappuccino Time , Cultural and Art activity

Morning session

Chair. Assist. Prof. Zana R. Majeed-Salahaddin University-Erbil

11:40 - 12:10

Lecture 1

Prof. Andrea Pieroni, University of Gastronomic Science, Italy

12:10 - 12:35

Lecture 2

Dr. Pawan Faris Dizaye, Salahaddin University-Erbil

12:35 - 13:00

Lecture 3

Prof. Diego Caprioglio, University of Eastern Piedmont, Italy.

12:35 - 13:00

Lunch Break

Afternoon session

Chair. Prof. Dr. Sultan Abo Orabi, TIU president

14:30 - 15:00

Lecture 4

Prof. Giovanni Vidari, Tishk International University-Erbil

15:00 - 15:25

Lecture 5

Dr. Clizia Ranghino, University of Eastern Piedmont, Italy

15:25 - 16:30

Roundtable Discussion

- Moderator: Dr. Pawan Faris
- Prof. Prof. Andrea Pieroni, University of Gastronomic Science, Italy.
- Dr. Clizia Ranghino, University of Eastern Piedmont, Italy
- Prof. Giovanni Vidari, Tishk International University-Erbil

Discussion Topics:

- Strategies for Enhancing Academic Partnerships
- Collaborative Curriculum Development
- Joint Publications and Research Outputs

Day 2 - Feb 10th, 2025

08:30 – 10:30

Traditional Kurdish breakfast

Morning session Chair. Assist. Prof. Samir Bilal - Salahaddin University-Erbil

11:00 – 11:25

Lecture 6

Prof. Abdul Samad Salahuddin Ahmad, Tishk International University, Kurdistan

11:25 – 11:50

Lecture 7 (Online)

Prof. Daniele fiorito, University of politecnico Milano, Italy

11:50 – 12:15

Lecture 8

Dr. Matteo Leone, University of Bologna, Italy

12:15 – 12:40

Lecture 9

Dr. Daiana Mattoteia, University of Pavia, Italy

12:40 – 14:00

Lunch Break

Chair. Assist. Prof. Abubakr Ashir, Tishk International University

14:00 – 14:30

Lecture 10 (Online)

Prof. Egidio D'Angelo, University of Pavia, Italy

14:55 – 15:20

Lecture 11

Prof. Salahaddin Y. Baper, Salahaddin University-Erbil.

14:55 – 15:20

Lecture 12 (Online)

Prof. Claudia Casellato, University of Pavia, Italy

15:20 – 15:45

Lecture 13

Prof. Qasim Obaidi, Tishk International University, Erbil

15:45 – 16:00

Kurdish Tea and Cappuccino Time "Coffee Break"

16:00 – 16:15

Lecture 14 (Online)

Prof. Lorenzo Malavasi,
President of the Service Center, Centro Grandi Strumenti, UNIPV-Italy

Closing Ceremony

16:15 – 16:30

Closing Ceremony

Future Plans

Speakers:

Representative from Italian Delegation

Representative from Kurdish Universities

Summary of Meeting Outcomes

Announcement of Next Steps and Future Meetings

Andrea Pieroni

**Full Professor of Environmental and Applied Botany
University of Gastronomic Science-Italy**



Trained in medical botany at the University of Pisa, Andrea Pieroni earned his doctorate in Natural Products Chemistry at the University of Bonn in Germany. He has worked as a Research Assistant at the University of London (2003-2000) and as a tenured Lecturer and, later, Senior Lecturer at the University of Bradford in northern England (2009-2003). From January 2009 he is Professor of Ethnobotany at the University of Pollenzo in Italy, where from 2017 to 2021 also served as Rector. Professor Pieroni has been the Vice-President and President of the International Society of Ethnobiology (2010-2008). He is the founder and Chief Editor of the Journal of Ethnobiology and Ethnomedicine and sits on the boards of diverse international peer-reviewed journals.

His main research focuses on temporal and spatial dynamics of traditional botanical knowledge in the Balkans and MENA countries, especially among marginalized minorities and diasporas.



Pawan Faris Dizaye

**Assist. Professor of Moleculare Physiology
Salahaddin University-Erbil**

Dr. Pawan Faris holds a PhD in Molecular Physiology and a Master's in Blood Physiology. She has over seven years of research experience, including a postdoctoral fellowship at the University of Pavia. Her work focuses on cancer, cardiovascular, and neurological disorders. She is a lecturer at Salahaddin University, head of the Kurdistan Italy Friendship Association (KIFA), and a collaborator with the Global Burden of Disease initiative. She contributes to European research projects, including LIONHEARTED, MNESYS, and TWIN VIRTUAL BRAIN, and receives a MAEIC research grant. Dr. Faris is a member of the Italian Society of Cardiovascular Research and the European Association for Cancer Research. She has 70 peer-reviewed publications, an H-index of 30, and serves as a reviewer for MDPI and Frontiers journals.

Giovanni Vidari

Full Professor of Natural Product Chemistry
Tishk International University-Erbil



Giovanni Pierangelo Vidari, born on 12 December 1944, graduated with honors in Chemistry from the University of Pavia, Italy, where he became Full Professor of Organic Chemistry in 2000, serving until 2016. He is currently a Visiting Senior Research Fellow at Tishk International University, and teaches organic synthesis in a PhD program at UTPL, Ecuador. He has held research and teaching positions globally, including the University of Pittsburgh (USA), University of Indiana (USA), and institutions across Europe, Asia, and South America. At Pavia, he directed the Natural Products Chemistry Research Laboratory, coordinated an international Master's program, and presided over the Ethnobiopharmacy Center (CISTRE). His research includes natural product chemistry, stereoselective synthesis, and synthetic methods using organometallic species. Vidari has authored over 300 scientific publications in international peer-reviewed journals and delivered more than 250 communications at scientific meetings. He was awarded the "A. Quilico Gold Medal" by the Italian Chemical Society for contributions to organic chemistry.



Diego Caprioglio

Professor of Organic Chemistry
University of Eastern Piedmont-Italy

Diego Caprioglio, born in 1986 in Casale Monferrato, Italy, graduated in Medicinal Chemistry with a thesis on combretastatin analogues, inspiring his focus on natural products. He completed a Ph.D. in Natural Product Chemistry and worked as a Visiting Researcher at Oxford University. Since 2019, he has been a Professor at the University of Eastern Piedmont, studying and modifying natural compounds for therapeutic applications. His work includes cannabinoids in inflammatory and neurodegenerative diseases, curcumin derivatives for imaging, and anti-inflammatory/anti-tumor drugs. He has over 40 publications and holds three international patents.

Prof. Lorenzo Malavasi

Full Professor of Energy and Material
President of the Service Center, Centro Grandi Strumenti,
UNIPV-Italy.



Lorenzo Malavasi received his degree in Chemistry in 1999 and a PhD in Chemical Science in 2003. He is currently a Full Professor at the Department of Chemistry, University of Pavia. Lorenzo Malavasi is a distinguished expert in energy and materials science, specializing in the development of advanced materials for energy storage and conversion. His research focuses on solid-state chemistry, including perovskite materials, solid oxide fuel cells, and sustainable energy solutions. He has authored numerous high-impact publications and leads several international research collaborations. Prof. Malavasi is actively engaged in mentoring young scientists and contributes to the advancement of energy technologies through innovative material design and interdisciplinary approaches.



Clizia Ranghino

International academic relations
University of Eastern Piedmont, Italy

Clizia Ranghino holds a Bachelors in Communication Studies (Università degli Studi di Torino) and a Masters in Publishing (Oxford Brookes University). She gained experience as a writer and editor before joining Università del Piemonte Orientale. She first managed international students and the EMJM EMOTION program at the Department of Pharmaceutical Sciences, then moved to central administration in Vercelli- Università del Piemonte Orientale, handling international relations, Erasmus+, and visiting scholars. She is also involved in international cooperation projects like UNICORE. Skilled in public speaking and negotiation, she effectively communicates complex information to diverse audiences.

Abdul Samad Salahuddin

Professor of Pharmaceutical Chemistry
Tishk International University-Erbil



Dr. Abdul Samad, Dean and Associate Professor at the Faculty of Pharmacy, Tishk International University, Erbil, has over 17 years of experience in pharmaceutical sciences. He was TIU's President (2023-2020), improving its global ranking and securing ASIIN accreditation.

He earned his Ph.D. in Pharmaceutical Sciences from Shri Venkateshwara University, India, in 2016, specializing in molecular modeling and bioactive compound synthesis. He previously held leadership roles in India and Saudi Arabia, teaching Pharmaceutical Chemistry and managing research labs.

His expertise includes synthetic medicinal chemistry, molecular modeling, and green chemistry. He has 64 research papers, four patents, and collaborations with global institutions. A keynote speaker on AI-driven drug design and sustainable chemistry, he continues to shape pharmaceutical education and research.



Daniele Fiorito

Professor of Organic Synthesis of Natural Products
University of Polytechnic di Milano-Italy

Daniele Fiorito earned his Ph.D. in Chemistry from the University of Geneva, Switzerland, in 2019 under Prof. C. Mazet. His expertise lies in catalytic methodologies for organic synthesis, focusing on asymmetric transition metal catalysis with earth-abundant metals.

In 2020, he expanded his organometallic research on olefin isomerization and polymerization at the University of Geneva in collaboration with ChimieParisTech, France. With a Swiss NSF Postdoctoral Fellowship, he advanced natural product synthesis in Prof. V. K. Aggarwal's group at the University of Bristol, applying boron chemistry to marine polyketide synthesis and exploring medicinal chemistry with Prof. T. C. Gallagher.

Since March 2023, he has been a Professor at Politecnico di Milano, developing chemoenzymatic approaches to asymmetric synthesis and biomass valorization. He received the 2023 Junior Research Award in «Methodologies in Organic Chemistry» from the Italian Chemical Society.

Matteo Leone

University of Bologna, Italy



Since 2024, he has been a Researcher at the University of Bologna, focusing on organic chemistry and photocatalysis. His research applies radical and photocatalytic transformations to synthesize industrially valuable compounds with a focus on sustainability and Green Deal principles.

He earned his degree in Organic Chemistry from the University of Rome La Sapienza in 2020 and completed his Ph.D. (MSCA) in Chemical Sciences at Université Paris-Saclay in 2024. He conducted research in Geraldine Masson's group and completed a visiting period in Timothy Noel's group at the University of Amsterdam.

He participated in the international ITN PhotoReact project, collaborating with multiple European research groups on photocatalysis and organic transformations. His work contributed to scientific publications and the organization of international meetings.



Daiana Mattoteia

University of Pavia, Italy

Daiana Mattoteia, born in Turin, Italy, earned her Master's Degree in Pharmacy with Honors from the University of Eastern Piedmont. Her thesis in Medicinal Chemistry focused on synthesizing soluble tools for eNAMPT studies.

She pursued a Ph.D. in Chemistry & Biology at the University of Eastern Piedmont, working on the modulation of natural compound activities. In 2021, she joined the Armenise-Harvard Laboratory of Structural Biology at the University of Pavia as a Junior Postdoctoral Researcher under Professor Forneris.

Her research focuses on drug discovery, integrating chemistry and biology. She has published 15 research articles in international peer-reviewed journals.

Egideo D'Angelo

Full Professor of Physiology
University of Pavia-Italy



Egidio D'Angelo is a professor of Physiology at the University of Pavia and a leading researcher in computational neuroscience and neurophysiology. His work focuses on cerebellar function, neurocomputation, and brain modeling. He has contributed significantly to the EU Human Brain Project (HBP) and EBRAINS, developing multi-scale computational models of the cerebellum to study its role in sensorimotor control and cognitive functions. His research integrates electrophysiology, imaging, and computational modeling to investigate neuronal dynamics and network plasticity in both physiological and pathological conditions. He has led several national and international projects, including PRIN and PNRR initiatives, and collaborates on in silico medicine and neuromodulation research. He has authored numerous high-impact publications and plays a key role in advancing digital brain modeling for clinical applications.



Salahaddin Y. Baper

Professor of Architecture
Salahaddin University-Erbil.

Assistant Prof. Dr. Salahaddin Yasin Baper currently serves as the Head of the Architectural Department at the College of Engineering, University of Salahaddin-Erbil, IRAQ.

Dr. Baper earned his Bachelor of Science in Architecture with Honors from the University of Technology, Baghdad, Iraq. He continued his academic journey by obtaining a Master's degree in Architectural Technology from the same institution. Furthering his expertise, he completed his PhD in the Theory of Architecture at HBP-USM.

In addition to his academic career, Dr. Baper is a Consultant Architect with a distinguished portfolio. His notable contributions to Erbil City include the design of Sami Abdulrahman Park and supplementary buildings at Erbil International Airport, among other significant projects. His work reflects a commitment to innovative design and the development of architectural practices in Iraq.

Claudia Casellato

Professor of Bioengeneria
University of Pavia-Italy



Claudia earned her Ph.D. in Bioengineering from Politecnico di Milano in 2011. She conducted research on neuroengineering, neurorobotics, and motor learning rehabilitation at Politecnico before joining the Department of Brain and Behavioral Sciences at the University of Pavia, where she coordinated the neurocomputation unit. Since 2023, she has been an Associate Professor. She has contributed to the EU Human Brain Project and now EBRAINS, focusing on computational multi-scale neural models, particularly of the cerebellar circuit, to derive high-level functions from neural features and microcircuit mechanisms in physiological and pathological states.

She is the Principal Investigator of the PRIN project Cerebellar Neuromodulation in Ataxia: Digital Cerebellar Twin to Predict Movement Rescue and has scientific responsibility in PNRR projects, including MNESYS, CN1 - In Silico Medicine, and Fit4MedRob. She teaches Brain Modeling in Artificial Intelligence courses and in Psychology, Neuroscience, and Human Sciences programs. She has authored over 45 publications in international peer-reviewed journals.



Qasim Obaidi

Professor of Artificial Intelligent
Tishk International University-Erbil

Kasim Mousa Al-Aubidy is a Professor of Intelligent Systems at Tishk International University, Erbil, Iraq. He earned his BSc and MSc in Control and Computer Engineering from the University of Technology, Iraq, and a PhD in Real-Time Computing from the University of Liverpool, UK. His research focuses on embedded systems, robotics, automation, and artificial intelligence. He has published 116 papers, coauthored four books, and received the Philadelphia University Award for Best Researcher in 2000. He is the chief editor of two international journals and serves on multiple editorial boards.

ORGANIZING COMMITTEE:

Prof. Shareef M. Shareef, SUE University
Assist. Prof. Mehmet Ozdemir, TIU University
Prof. Riccardo Miggiano, UNIUPO University
Prof. Stefano Protti, UNIPV University
Prof. Alberto Minassi, UNIUPO University
Assist. Prof. Wasfi Kahwachi, TIU University
Prof. Abdulkarim Y. Karim, SUE University
Prof. Maurizio Fagnoni, UNIPV University
Prof. Faiq H. S. Hussain, TIU University
Dr. Clizia Raghino, UNIUPO University
Dr. Daiana Mattoteia, UNIPV University
Dr. Aras Bradosty, KHS Association

EVENT COORDINATOR AND ORGANIZING COMMITTEE MEMBER:

Assist. Prof. Dr. Hawraz Ibrahim M. Amin

OBJECTIVES

- **Strengthening Scientific Collaboration:** Celebrate and expand upon the existing scientific partnerships between Kurdistan and Italy.
- **Fostering Cultural Exchange:** Promote cultural understanding and appreciation through shared traditions and activities.
- **Exploring Future Opportunities:** Identify new avenues for research, education, and cultural exchange collaboration.



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