



Women in Experimental Sciences, Leadership and Sustainability

Humboldt Kolleg, German University in Cairo, 2-4 June 2025

Agenda

Sunday 01-06

Evening

Arrival of foreign guests to residence in Cairo

Monday 02-06

9- 10 AM

Arrival and Registration of Participants (C1.0)

10-10:10 AM

Performance by **GUC Music Ensemble**

10:10-10:50 AM

Opening and Welcome words



Prof. Ashraf Mansour, AvH alumnus, Chairman of BoT of GUC



Prof. Yasser Hegazy, President of GUC



Dr. Wiebke Bachmann, Director of DAAD



Prof. Gina Elfeky, President of ASRT

10:50–11:10 AM

Keynote Speech

“Women in Experimental Sciences, Leadership, and Sustainability”

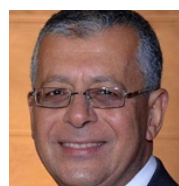


Prof. Rasha Hanafi,
GUC, AvH alumna,
Conference Chair

11:10 AM–11:40 PM

Plenary Lecture

“Genotyping the Ancient Royal Egyptians”



Prof. Yehia Gad,
National Research
Center, Egypt

11:40– 12:10 PM

Coffee break and networking

12:10– 2:00 PM

Keynote speeches



Prof. Gina Elfeky,
President of ASRT,
Egypt

“Insights into female role in the progress of the Egyptian academy of Science, research and technology”



Prof. Mohamed
Farag, AvH
alumnus, Cairo
University

“How do tiny titans shape our lives? Metabolomics to Decode for Food Gut Interactions”



Empowering Women in STEM:
Driving Innovation and
Sustainability in Life Sciences”

**Prof. Odeku
Oluwatoyin, AvH
Ambassador
Scientist,
University of
Ibadan, Nigeria**

2:00–3:00 PM

Lunch and networking

3:00–5:00 PM

Seminar and Panel Discussion

“An insight into methods of evaluation of scientific research and productivity” in collaboration with the Egyptian Association for Evaluation (C1.0).



**Prof. Mohamed
Elfouly, NRC
Head of the
Association of
Egyptian AvH
alumni**



**Prof. Mohamed M.
Hashem, Former
President of the
National Research
Centre.**



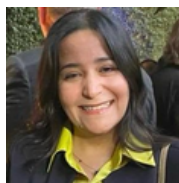
**Prof. Mahmoud M.
Sakr, Former
President of ASRT**



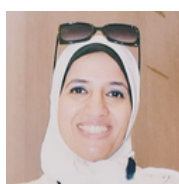
**Prof. Adel El
Beltagy, Former
Minister of
Agriculture**



**Prof. Ashraf El
Araby, President of
Institute of
National Planning**



Dr. Nehal
Ramadan, National
research center,
Egypt



Dr. Radwa Elakkad,
National research
center, Egypt

Parallel Session: Training for all junior researchers on

implementation of metabolomic studies starting from data collection and ending to pathway generation

The training will use 2 case studies:

- Metabolomic tools for natural products' profiling
- Multi-omics in archaeology and archaeobotanical remains

(location: H8)

5:00–7:00 PM

Keynote talks

By Women AvH alumni and researchers in technical themes of the Conference



Prof. Heba
Handoussa, GUC,
AvH fellow

“Insights on the Transformation of Conventional Foods into Health Promoters/Disease Preventers”



Prof. Reham
Abdelkader, GUC

“From Powerhouse to Therapeutic Target: Mitochondria in Breast Cancer and the Future of Women’s Health



Prof. Samar Azab,
AvH alumna, Ain
Shams University,
Egypt

“Pharmacological Implementation of Monoclonal Antibodies in Preclinical Models”

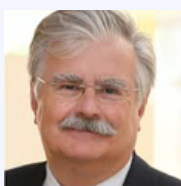
7:00– 9:00
PM

Dinner (*by invitation*)
Hanging Posters (C4.123)

Tuesday 03–06

9:00–11:00
AM

Session 1: Progress in Drug Discovery



Prof. Stefan
Laufer, University
of Tübingen,
Germany

“Academic Drug Discovery:
Fiction, Facts or Fantasy? - The
Tübingen Center for Academic
Drug Discovery”



Prof. Mohamed
Gad, GUC

“25 years journey with
gasotransmitters”



Prof. Ashraf Abadi
AvH alumnus, GUC

“Expanding the Therapeutic
Landscape of
Phosphodiesterase 5 Inhibitors
Beyond Erectile Dysfunction”



Prof. Maria Parr,
Freie Universität
Berlin, Germany

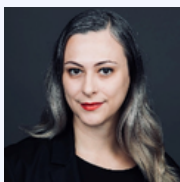
“Signs of Doping or of Having
Eaten Steak? Evidence of use of
the muscle-building drug
clenbuterol in athletes” (**online**)

11:00–11:30
PM

Coffee break and networking

11:30–1:00 PM

Session 2: Progress in Omic Studies



Prof. Alessandra
Sussulini, AvH
alumna, Universidade
de Estadual de
Campinas, Brazil

“Deciphering the biochemistry of neuropsychiatric disorders and natural psychedelics through metabolomics”



Prof. Sameh
Magdeldin, 57357
Children Cancer
Hospital, Egypt

“Unlocking Cancer’s Blueprint using state of art mass spectrometry”



Prof. Michael
Lämmerhofer,
University of
Tübingen,
Germany

“Lipidomics in support of drug discovery and clinical profiling”



Prof. Nabila Hamdi,
GUC

“Precision Genomics in ALS: toward personalized Neuromuscular Medicine”

1:00–3:00PM

Session 3: Biotechnology and Sustainability in focus (C1.0)



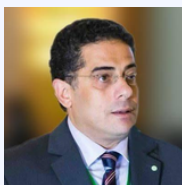
Prof. Mahmoud
Bahgat, AvH
alumnus, ASRT

“Efforts of the National Program for Biotechnology and Genetic Engineering to Contribute to Egypt's Development”



Prof. Abdelfattah
Badr, AvH alumnus,
Helwan University,
Egypt

“Conservation of Medicinal Plants in Arid Environment for Sustainable Use in Production of Pharmaceutically Bioactive Substances”



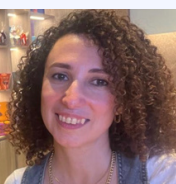
Prof. Moemen
Sayed Hanafy, AvH
alumnus, National
Research Center,
Egypt

“Biotechnology-Driven Enhancement of Bioactive Compounds in Plants”



Prof. Mohamed
Barakat, AvH
alumnus, Tanta
University, Egypt,
Illinois Institute of
Technology, USA

“Metal Sulfides Nanoparticles Wrapped by Reduced Graphene Oxide Sheets for Green Hydrogen Production in Alkaline Electrolyte” (**online**)



Dr. Manar Mansour,
GUC

“The role of biotechnology in modern diagnostics, a case study”

Parallel Session: Training to Junior Researchers by Elsevier (H12):

Leveraging AI in Research

- The evolution of technology in research
- Elsevier principles for safeguarding AI users
- Research discovery using Elsevier AI tools
- Online Demo
- Q&A

3:00– 4:00PM

Lunch and networking

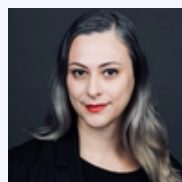
4:00– 5:00 PM

Panel Discussion:

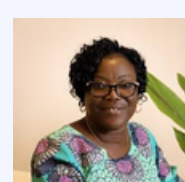
Women in Experimental Sciences, Leadership and Sustainability: Challenges and Opportunities for women researchers in North Africa, South Africa, Germany, and Latin America.



Prof. Amira Abdel Motaal, President of DAAD Verein, Egypt



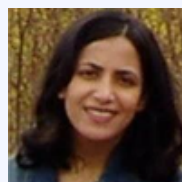
Prof. Alessandra Sussulini, AvH alumna, Brazil



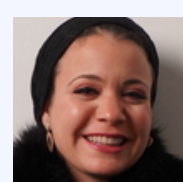
Prof. Odeku Oluwatoyin, AvH alumna, Nigeria



Prof. Heba Handoussa, AvH alumna, Egypt



Prof. Nadia Elgamel, AvH alumna, Egypt



Dr. Sara Hegy, GUC alumna, Egypt



Prof. Rasha Hanafi, AvH alumna, Conference Chair

5:00–6:30 PM

Poster session

For Junior Researchers in 1 of the themes of the 5 sessions. Best poster award will be given during the closing ceremony based on evaluation of senior professors to the posters

6:30–8:30 PM

Dinner (*by invitation*)

Wednesday 04-06

**9:00 AM-
12:00 PM**

Oral presentations

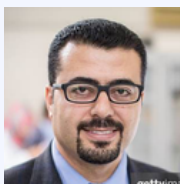
For Junior Researchers (15 min) in 1 of the themes of the 5 sessions. An award for best oral presentation will be announced in the closing ceremony based on feedback of senior researchers.

**12:00-12:30
PM**

Coffee break and networking

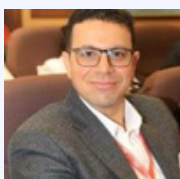
**12:30-2:30
PM**

Session 4: Bioanalysis and Cheminformatics in focus



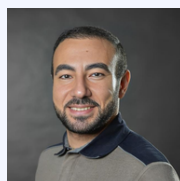
Prof. Sami Eldeeb,
University of
Braunschweig,
Germany, AvH
alumnus

"Microscale thermophoresis as a sustainable tool to study bimolecular interactions"



Prof. Tamer
Ibrahim, AvH
alumnus,
University of Kafr
Elsheikh, Egypt

"Cheminformatics Applications in Drug Design"



Dr. Mohamed
Hamed, GUC

"Computational Revolution in Drug Discovery: Bioinformatics & Chemoinformatics Perspectives"

2:30– 3:30 PM

Lunch and networking

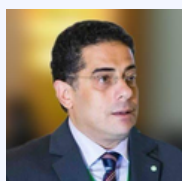
3:30– 5:30 PM

Session 5: Funding opportunities



Assoc. Prof. Ebba Elhossary, AvH Ambassador Scientist

Funding and Sponsorship opportunities at the Alexander von Humboldt foundation



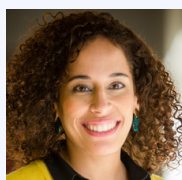
Prof. Moemen Sayed Hanafy, National Research Center

Overview of the Egyptian Association of Alumni to the Alexander von Humboldt foundation



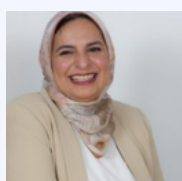
Mrs. Irene El-Khorazaty, Head, Cairo Liaison, Philipps-Universität Marburg

Funding and Programs at Philipps-Universität Marburg, Germany



Mrs. Hoda El Mahgoub, Head, Cairo Liaison, Freie Universität Berlin

Funding and Programs at Freie Universität Berlin, Germany



Dr. Rana Refaey, ASRT

Funding opportunities at Academy of Scientific Research and Technology

5:30–6:30 PM

Wrap up, Recommendations, Best poster/ Best Oral Presentation Awards for junior Researchers

6:30–9:00 PM

Gala Dinner and GUC Music Ensemble
Location: D-Fountain, GUC

Thursday 05–06

Morning

Check out and departure of foreign guests