



Dear colleagues and friends of AGYA,

In this newsletter edition, we are excited to share highlights from the AGYA Annual Conference held for the first time in the vibrant city of Tunis. Delve with us into the finissage of the research exhibition on 4,000 years of cultural history of the Egyptian island Elephantine. Discover the various AGYA research projects on topics such as accessible mobile education in Iraq, food security in Sudan, and artificial intelligence.

We further invite you to tune in to the new episode of the AGYA podcast *Happyopolis* which takes you on a journey to Hamburg – a German city of makers and innovators. Please explore our end-of-year reading recommendation in our publication section.

As another year of fruitful Arab-German collaborations draws to a close, we extend our warmest wishes to you and your families for a joyful and healthy holiday season! We look forward to sharing many more thrilling research activities with you in 2025.

The AGYA Team


### AGYA ANNUAL CONFERENCE



#### A Historic Kickoff in Tunisia


The first AGYA Annual Autumn Conference in Tunis provided a vibrant platform for interdisciplinary exchange, bringing together AGYA members and alumni, local researchers, and stakeholders from the Maghreb region to advance Arab-German research collaboration.

### AGYA IN FOCUS




**Exhibition Finissage**  
**Elephantine. Island of the Millennia:**  
**A Journey Through 4000 Years of Cultural Heritage**

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**Awareness Campaign**  
**Enhancing Local Food Systems:**  
**Women-Managed Home Gardens in Sudan**

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**Mobile Library**  
**Books on Wheels: Connecting Iraq's Young Minds to the World of Reading**


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**Summer School**  
**Affordable Artificial Intelligence:**  
**Theory and Practice**

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### AGYA PODCAST



#### Hamburg - A Hub for Creativity, Innovation, and Urban Self-Sufficiency

Explore how urban living can become happier and healthier with *Happyopolis*. Each episode showcases innovative ideas and solutions from cities in the Arab world and Germany. Join us as we discover the vibrant German city of Hamburg!

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### PUBLICATIONS

**Sarhan Dhouib**, Anke von Kügelgen (eds.) (2024). *Konzepte von Toleranz und Intoleranz in der arabischen Moderne. Band I: 1860er bis 1940er Jahre*. Boston. De Gruyter.

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**Nuha AlShaar** (ed.) (2024). *Muslim Sicily: Encounters and Legacy*. Edinburgh. Edinburgh University Press

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**Verena M. Lepper** (ed.) (2024). *Elephantine. Insel der Jahrtausende. Island of the Millennia. جزيرة لآلاف السفين*. Berlin. Kadmos.

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**Marc Ringel**, Gerrit Stöckigt, Hawal Shamon, Stefan Vögele (2024). Green hydrogen cooperation between Egypt and Europe: The perspective of locals in Suez and Port Said. *International Journal of Hydrogen Energy*, Volume 79, 1501-1510.

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**Lilia Makhloufi** (ed.) (2024). *Urban Heritage and Sustainability in the Age of Globalisation*. Open Book Publishers.

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Mohammed H. Yacoub, Samar M. Ismail, **Lobna A. Said** (2024). Hardware Realization of High-Speed Area-Efficient Floating Point Arithmetic Unit on FPGA. *2024 International Conference on Machine Intelligence and Smart Innovation (ICMISI)* Alexandria, Egypt, 2024. IEEE Xplore, 190-193.

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Naziia Kurmasheva, Aida Said, Boaz Wong, **Walid A. M. Elgaher**, et al.(2024). Octyl itaconate enhances VSVΔ51 oncolytic virotherapy by multitarget inhibition of antiviral and inflammatory pathways. *Nature Communications* 15, 4096 (2024).

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### UPCOMING EVENT

18 January 2025  
Berlin

**AGYA @ Salon Sophie Charlotte of the Berlin-Brandenburg Academy of Sciences and Humanities (BBAW)**

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