

Arab Toxicologists Association

Special Interest Group



The Golden Period of the Arab Sciences



8th – 9th Centuries

Jabir Ibn Hayyan: First chemist known to produce sulfuric acid.
Al-Khwarizmi: He developed algebra.
Al-Kindi: He wrote on 107 recipes for perfumes.
Al-Razi: He wrote on petroleum, alkali, caustic soda, soap and glycerine.
Ibn Sina: Also known as Avicenna. Persian philosopher and scientist known for his contributions to Aristotelian philosophy and medicine



10th – 11th Centuries

Abu'l- Wafa Al-buzjani: He wrote several treatises using the finger counting system of arithmetic
Abul Hasan Ali Al-Masudi: He wrote on the reaction of alkali water with zaj (vitriol) water giving sulfuric acid
Ibn Al-Haytham: He was astronomer and mathematician known for his contributions to the principles of optics and the use of scientific experiments
Omar Khayyam (Mathematician and poet): He gave a complete classification of cubic equations with geometric solutions



12th – 13th Centuries

Muhammad Al-Idrisi: He is known for having drawn some of the most advanced ancient world maps
Ibn Al-Nafis: Medicine, Scientific method. He discovered the lesser circulatory system (The cycle involving heart and lung)
Al-Farisi: He introduced important new ideas concerning factorization and combinatorial methods
Ibn Al-Baitar: He is a botanist and physician.



14th – 19th Centuries

Al-Kashi: He contributed to the development of decimal fraction
Ibn Al-Banna and Al- Qalasadi: He used symbols for mathematics
Ibn Masoud: He computed and observed the solar eclipses
Ahmed Zewail: He became the first Egyptian and the first Arabic to receive a science Nobel Prize in Chemistry

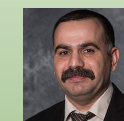
What is the Arab Toxicologists Association?

The Arab Toxicologists Association (ATA) is founded by professionals of Arab origin with expertise in various areas of toxicology working in Arab countries and all over the world. ATA was established in 2019 as a Society of Toxicology Special Interest Group. ATA brings together experts from industry, academia, and government to discuss existing and emerging issues and methods for characterizing chemical exposure to help provide insights into toxicological needs in the Arab world and create organizations of toxicology in Arabic countries. ATA will also provide webinars and lectures to increase the awareness and related toxicology research in Arabic communities inside and outside of US.

The Mission of Arab Toxicologists Association

- To establish a Special Interest Group of Toxicologists from the Arab World with a major goal to effectively communicate toxicological ideas and support its members to succeed and achieve excellence in toxicology in the US and worldwide.
- To address current toxicological issues that affect Arab nations, and increase awareness of the involvement of toxic substances in causing diseases.
- To promote the development of marginalized branches of toxicology in Arabic nations.
- To serve as an educational guide for Arabic studies in toxicological science.
- To promote the establishment of Regional Toxicology Societies and of Pan Arab Toxicologist Association to be an umbrella for all Toxicology Associations in all Arab Countries

Current Executive Officers



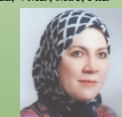
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Student Representative
Noor Aly, MS

Join us

ATA Membership

All members (Arabic/Non Arabic) in good standing of the Society of Toxicology shall become members of Arab Toxicologists Association

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Visit our website for more information at
<https://www.toxicology.org/groups/sig/ATA/index.asp>