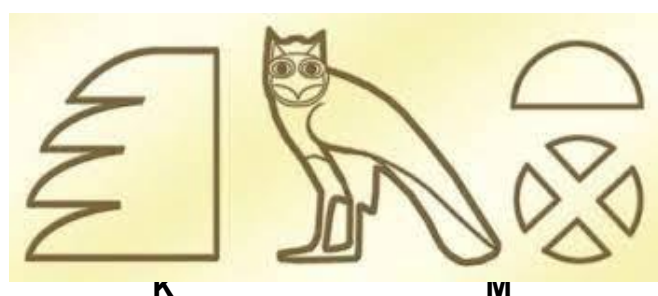




**BioKMT is the biological sciences arm of the Per-Ankh Foundation for Science and Philosophy, an endeavour that aims at reviving scientific excellence in the Middle East and North Africa Region.**

### **The story behind the name BioKMT**

The name "BioKMT" was inspired by ancient Egyptian history and the struggle of the Egyptians towards prosperity and development. Bio stands for biology and KMT stands for the black land covered with the Nile's clay "Egypt"



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**Location determinative**

### **Vision**

The BioKMT society aims at revolutionising science and philosophy in MENA and Africa. Believing in the multidisciplinary nature of biological sciences and the dire need for adequate philosophy teachings, the BioKMT society long term plan is to function as a hub bringing not only Egypt's but the region's greatest minds together in one place to work side by side in driving the machinery of the understanding of various biological systems.

A brief summary of selected projects running at the BioKMT:

#### **1- BioKMT research network.**

The BioKMT Research network is an annual event that is organised by BioKMT society for the advancement of sciences that aims at bringing bright minds and successful scientists in the Middle East and North Africa region together to discuss advances in biological science, science policy, funding opportunities and strategies to drive the momentum of scientific excellence in the region. The BioKMT Research network is one of Egypt's prestigious science gatherings and is often organised in collaboration with governmental or non-governmental institutions

Speakers who are invited to present at the BioKMT research network, are selected based on outstanding contribution to their field either by improving health, our understanding about the complex biological systems on the planet we live in or providing smart biotechnological solutions to a major challenge and an economic burden. We bring together researchers from top research institutes worldwide, funding



bodies, policy makers, and recently, industrial partners to help shape the biological sciences future of the region.

Serving as one of Egypt's long running non-governmental research network and is free of charge however, registration forms are subjected to reviewing process. We receive at least 400 applications every year, and we select only 50 to attend. The selection process is based on merits and willingness to establish science networks across the MENA region and abroad. Talk are presented (online via Google meet) for 20 minutes followed by 10 minutes Q&A.

Last year's theme was held under the title "held under the title" *Biotechnology: effective solutions for major sustainable development challenges*". We showcased how biological sciences could be instrumental in providing environmentally friendly solutions to challenges hindering sustainable development". In 2022, the research network theme was titled "*One planet: one health and one climate, what biological science holds for developing countries*". We showcased how biological sciences could be a keystone in improving health worldwide by not only combating diseases but also climate changes.

## 2- BioKMT science podcast.

The BioKMT has a particular interest in creating a platform to present scientific content as a means to communicate science effectively across the MENA region. To realise this dream, the BioKMT hosts a podcast that aims to interview researchers from different disciplines in the biological sciences, in an attempt to get familiar with them and their work. This work is considered a continuation of our series of podcasts.

This season, the podcasts will be in video format. In addition to interviews with individual researchers, we aim to organise a panel discussion session every season. The videos will be posted sequentially, once a month (at least for this season) starting January 2023 on Facebook, YouTube, and LinkedIn, and in audio format on Soundcloud.

The link to the Science Podcast: <https://www.biokmt.org/activities/biokmt-science-podcast/>

## 3- KMT young explorers.

In KMT young Explorers (KMTYE) aims at presenting scientific topics for kids in a simplified, engaging, and captivating manner. KMYE endeavours to introduce the scientific content through short videos (1-3 minutes), short social media posts, mini articles, and science workshops that explain a scientific concept to kids. KMTYE aims at providing all its content in the Arabic language in order to remove the language barrier between young learners and the scientific content they are interested in.

KMTYE page on the facebook: <https://www.facebook.com/KMTYE>



The BioKMT Society for Advancement of Sciences is seeking two dedicated volunteers to join our BioKMT podcast project. The BioKMT podcast project aims to delve into current advancements in scientific research, conduct interviews with leading Arabic-speaking scientists worldwide, and foster scientific excellence in the Middle East-North Africa region. Hosted in Arabic by a distinguished Egyptian researcher from a world-renowned institute, our podcast is undergoing its inaugural season in a refreshed format, and we are excited to invite volunteers to embark on this journey of science communication with us.

**Podcast Production Volunteer Responsibilities:**

1. Edit recorded podcast episodes with precision and attention to detail.
2. Ensure high-quality standards are maintained throughout the production process.
3. Craft engaging introductions for each podcast episode.

**Eligibility Criteria:**

1. Bachelor's degree in a science-related field (Medicine, Pharmacy, Science, Agriculture, Biotechnology) or Journalism, OR senior undergraduate with a strong interest in science communication.
2. Proficiency in audio and video editing software.
3. Commitment, responsibility, and self-motivation.

**Admin Volunteer Responsibilities:**

1. Manage communication with guests scheduled for appearances on the BioKMT podcast.
2. Collaborate with the podcast presenter to prepare materials such as questions and discussion topics.
3. Participate in brainstorming sessions with the podcast team to enhance content and maximize outreach.

**Eligibility Criteria:**

1. Bachelor's degree in a science-related field (Medicine, Pharmacy, Science, Agriculture, Biotechnology) or Journalism, OR senior undergraduate with a passion for science communication.
2. Excellent command of both English and Arabic.
3. Demonstrated commitment, responsibility, and self-drive.

**Benefits for Volunteers:**

1. Membership in the BioKMT Society as an associate member.
2. Access to the BioKMT research network.
3. Priority booking for attendance at BioKMT-organized events.
4. Opportunity to request mentorship from BioKMT core members.
5. Regional and international exposure through contributing to the development of the biological research community in the Middle East/North Africa.

If you are enthusiastic about science communication and eager to contribute to our podcast project, we encourage you to apply and join us in our mission to advance scientific discourse in our region.

Please note: The workload for each volunteer position will not exceed 5 hours per week.



*The BioKMT Society for Advancement of Sciences,  
Per-Ankh Foundation for Science and Philosophy, Egypt  
Registration number 1043/2022*