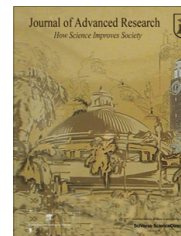




Cairo University  
Journal of Advanced Research



## EDITORIAL

# Special issue: Editors and International Editorial Board Collection



The Journal of Advanced Research (JAR) of Cairo University was first published (4 issue per year) in 2010 by the world famous scientific publisher Elsevier. All articles are subjected to a rigorous peer-review process, whereby published articles are provided in an online Open Access format in Science Direct, as well as in printed version. Since 2013, JAR is published bimonthly and accommodates from 70 to 80 articles per year. JAR is a multidisciplinary journal that jointly merges all applied sciences, with strong support and contribution from scientists throughout the globe. The Editorial Office, authors, and readers work together to continually improve the quality of the journal content and presentation to top international standards in scientific publishing. Currently, the journal is recognized by a wide international range of authors and subscriptions, and currently is indexed in Scopus, Google Scholar, AGORA, CAS, DOAJ, JournalSeek databases, and PMC.

The editorial board was recently expanded and includes 18 associate editors, who with the help of diligent reviewers only accept excellent articles for publication with an acceptance rate of 20–30%. That is not surprising, as the Associate Editors and the Editorial Board represent top quality scientists and clinicians from all over the globe. In the present special issue,

Peer review under responsibility of Cairo University.



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they have come together to publish, following thorough peer-review, a multitude of scientific findings, discoveries, opinions, ideas, and/or critical evaluation of peer results. The purpose is twofold; first, to contribute high-impact scientific articles to JAR as it continues to gain notoriety and prestige; and, second, to prove that JAR is the proper medium for conveying some of their best scientific production.

The issue includes 31 articles, of which 14 are critical reviews, and the remainder are original articles, short communications, case reports and Letters to the Editor. Eminent chemists have contributed 2 reviews on the pharmacologic activities of functionalized formazans and Biginelli adducts, respectively. A review of Algebra on several subgroup embedding properties related to some types of permutability is included. Seven reviews covered salient topics in bacteriology, microbiology, immunology, pharmacology, and reproductive biology. The effect of fatigue on muscle activity, proprioception, and cognitive functions was also critically reviewed. Three reviews covered current and novel approaches in management and treatment of cancer and hepatitis virus C by world-renowned clinicians. Thus, this collection of reviews aptly illustrates JAR's multi-disciplinary approach in providing complementary and integrated information in one setting.

Original articles presented new findings pertaining to applications of chemistry for the novel development of carbon nanotubes, protein separation, membrane sensors, water treatment and purification, and testing dentin strength under intra-pulpal pressure simulation. Two case reports on cancer revealed the concern of our eminent clinicians and scientists in finding clues, and new management approaches for rare forms of cancer and the outcome of metastasis. A Commentary on an article published in Science (2010) is also included in the form of Letter to the Editor.

We truly hope that the articles contained within this special issue will provide useful information to the scientific community worldwide and attract citations, comments, interaction, constructive criticisms, and above all, a flow of submissions of excellent articles.

Editor in Chief

H.M. Khaled

Hussein M. Khaled