

## Conference Abstract

### 6<sup>th</sup> The Holy Quran & Science Conference and Exhibition - 2019

<http://dx.doi.org/10.21065/25205986.C2019.11>

#### Conference Abstract

#### THE EMERGING TECHNOLOGIES OF MICROBIOLOGY, BIOTECHNOLOGY AND MOLECULAR BIOLOGY IS POTENTIALLY REVEALING THE HOLY QUR'AN

#### TAHA NAZIR

Dr. Nazir was awarded the degree of PhD Microbiology by Quaid-e-Azam University, Islamabad, Pakistan. This award was received after successful completion of his research work entitled "Prevalence, Characterization and Clinical Evaluation of Indigenous Mycobacterium Tuberculosis" in 2010. Dr. Nazir received the degrees of M.Phil. Pharmacology from Agriculture University, Faisalabad and B. Pharmacy from the University of Punjab, Lahore, Pakistan. The major research areas of Dr. Nazir are innovative drug designing, drug resistance, chemical pathology and immunology. Moreover, he has more than 25 year's research, academic and professional experience with exceptional knowledge of molecular biology, cell pathology, clinical pharmacotherapy and epidemiology. He has held prestigious positions including Associate Dean, Associate Professor, Chairman - Board of Director, and President Pharmacist Federation. Currently, he is working as Head Microbiology, Chemical Pathology and Molecular Biology Research Group, Advance Multiple Inc., Ontario Canada.

The phenomenal speaker present this research in 1<sup>st</sup> International The Holy Quran & Science Conference and Exhibition-2019, held in Mississauga ON Canada. The Conference Abstract is published on behalf of the decision of acceptance and approval of Conference Organizing Committee.

#### Correspondence:

**Dr. Taha Nazir** 10610 Jane Street  
Maple, ON L6A 3A2 Canada.  
+1(905)832-2669 | +1(905)303-4000  
| F.: 905-832-3220 |  
[info@quranandscience.org](mailto:info@quranandscience.org)

#### Citation:

**Taha Nazir.** The Emerging Technologies of Microbiology, Biotechnology and Molecular Biology is Potentially revealing the Holy Qur'an. 1<sup>st</sup> The Holy Quran & Science Conference; 2019: Adv Hum Soci Sci. Vol. 1 (Sp. Issue).  
p. 11-12. doi-  
<http://dx.doi.org/10.21065/25205986.C2019.11>

#### Competing Interest

The authors declare no competing interests.

**Ethics approval and consent to participate:** No ethical approval needed for this research work.

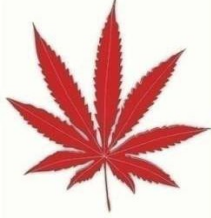
**Consent for publication:** Author is agreed to submit this abstract for publication in this research journal.

**Availability of data and materials:** The information and data collected and/ or incorporated in this study is included in this manuscript.

**Key words:** Microbiology, Biotechnology.

#### Abstract

The novel techniques and innovative ideas are being introduced in biological and life sciences. The emerging technologies of microbiology, biotechnology and molecular biology has surprisingly changed the overall quality of life and pattern of living. Similarly, the dynamics of society and personal kinetics of people to interact



Additional information is available  
at the end of the article.

with each other has evolved in a more customized fashion. The first gene therapy was initiated and clinically trialed in the early 1990's which was impeded by severe side effects. The gene therapy and experimental medicines were further developed to introduce the sophisticated tools of gene transfer to improved safety and efficacy. Moreover, the molecular and cellular mechanisms and/or vector-associated setbacks were noticed in experiments. So, the highly efficient gene targeting strategies and site-directed gene editing technologies were developed. The gene therapy was moved from a vision to clinical reality after  $\leq 1900$  clinical trials. That was trialed to treatment and correction of inherited diseases. Certain limitations and drawbacks were also encountered in early clinical trials. However, the gene therapy was revived as a powerful treatment option for the correction of monogenic disorders. Thus, the emerging technologies of microbiology, biotechnology and molecular biology should potentially be elaborated on under the revelation of the Holy Qur'an which will rationalize the ethical and philosophical interpretation of all new inventions.

© The Author(s). This open access article is distributed under a Creative Commons Attribution (CC-BY) 4.0 license.

The abstracts appearing is composed and presented in aforesaid conference cited on the cover and title page. The manuscripts were selected by the organizing committee to be presented in oral or poster format, and were subject to reviewed by the program committee.