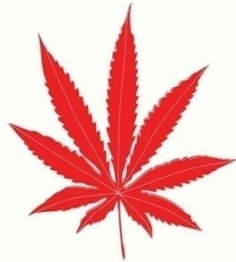




Conference Abstract

3<sup>rd</sup> The Holy Quran & Science Conference and Exhibition - 2016

1194 Matheson Blvd E Mississauga, ON L4W 1Y2 Canada



Conference Abstract

THE PURSUIT OF SCIENCE: HARNESSING THE POWER OF NATURE

Mr. Sinwan Basharat

Subtitle:

Speakers Profile

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Citation:

Mr. Sinwan Basharat. The pursuit of science: harnessing the power of nature . Oral Presentation at 4<sup>th</sup> The Holy Quran & Science Conference & Exhibition; 2016 November 25. 1194 Matheson Blvd E Mississauga, on LAW 1Y2 Canada. P.

Funding:

The authors received no direct funding for this research.

Competing Interests:

The authors declare no competing interests

Additional information is available at the end of the article.

Abstract

“Blessed be Allah, the Best of Creators” [23:15]

In the early 20th century, researchers began to unravel the great potential of microorganisms to improve the health of humans with the discovery of drugs such as Penicillin. These compounds known as antibiotics are produced by bacteria and fungi to fight off other organisms. It was these revolutionary compounds that transformed modern health care and were key in reducing the burden of infectious diseases, saving millions of lives.

Allah says in the Holy Qur’an,

“And He has subjected to you whatsoever is in the heavens and whatsoever is in the earth: all this is from Him. In that surely are Signs for a people who reflect.” [45:14]

From cattle to E.coli, it is the great beneficence of Allah that He has gifted humans with the capability to harness the power of nature and His creation. However, when this early work into microorganisms was being undertaken, no one could have predicted the great potential they could have for humans. While it is important to find cures to diseases and other human maladies through directed research, the last 100 years of science has repeatedly shown us that basic science, that is open ended inquisitiveness leads the way in finding new cures and new possibilities.

My talk will highlight how basic science research especially into microorganisms such as bacteria and viruses has helped to revolutionize the way we treat diseases and has driven our understanding of the building blocks of life. I will discuss specific examples of the origins of biotechnology, drug discovery, molecular biology, and the latest gene-editing technologies such as CRISPR. My aim will be to inspire and to educate the attendees (both scientific & nonscientific) about the wonders of basic science as a vessel to improve the world.



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