



Conference Abstract

5th The Holy Quran & Science Conference and Exhibition – 2018

Sunday November 25, 2018

1194 Matheson Blvd E Mississauga, ON L4W 1Y2 Canada



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Ph.D. in Metal-Organic Chemistry, UWO. My post document was at the McGill University and did post-doctoral fellowship in Protein Engineering Center of Excellence at Pulp and Paper Research institute Canada. Teaching at the Department of Chemistry at York University. Board of directors at the NAPIT. Adjunct Professor at the International Center of Chemical and Biological Sciences at the University of Karachi, Pakistan. National Secretary Ta'lim (Education). President of Ahmadiyya Muslim Scientists Association Canada.

Citation:

Dr. Hameed A. Mirza. Recent Advances in Trace Element Analysis, Food Safety and its Impact on Our Lives. Oral Presentation at 5th The Holy

Conference Abstract

Recent Advances in Trace Element Analysis, Food Safety and its Impact on Our Lives

Dr. Hameed A. Mirza

Ph.D. in Metal-Organic Chemistry. McGill University and did post-doctoral fellowship in Protein Engineering Center of Excellence at Pulp and Paper Research institute Canada. Teaching at the Department of Chemistry at York University. Board of directors at the NAPIT. Adjunct Professor at the International Center of Chemical and Biological Sciences at the University of Karachi, Pakistan. National Secretary Ta'lim (Education). President of Ahmadiyya Muslim Scientists Association Canada.

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: Recent, Advances, Trace, Element, Analysis, food, Safety, Impact.

Speakers Profile

Dr. Hameed A. Mirza has a Ph.D. in Metal-Organic Chemistry from University of Western Ontario, London. He then moved to McGill University and did post-doctoral fellowship in Protein Engineering Center of Excellence at Pulp and Paper Research institute Canada. Since 2004, he is teaching at the Department of Chemistry at York University. Dr. Mirza is also involved in the applied research in the area of Pharmaceutical Chemistry at the A.S. Chemical Laboratories Inc. as Chief Scientific Officer. He has published over 45 research papers in the peer reviewed international Journals and made over 50 presentations at regional, national and international conferences. He also sits as the board of directors at the NAPIT. Dr. Mirza is Adjunct Professor at the International Center of Chemical and Biological Sciences at the University of Karachi, Pakistan. Currently, Dr. Mirza is also

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Exhibition; 2018 November
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serving as the National Secretary Ta'lim (Education) at the Ahmadiyya Muslim Jama'at. He is also serving as the President of Ahmadiyya Muslim Scientists Association Canada.

Abstract

“And the earth brings forth her burdens.”(99:3)

Holy Qur'an mentioned many elements with some uses. It also points out that at the time of the second coming of the Messiah has more of these elements and their uses will become known to people. Out of these elements some are known as essential elements for life while other elements are classified as toxic. This presentation will give a general overview of the elements, their classifications, uses and will focus on recent advances in analytical techniques that have resulted in determination of parts per trillion level of these elements in food samples and human subjects.

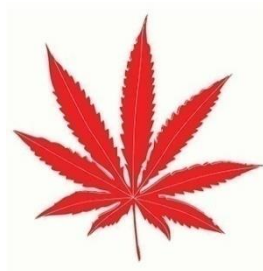
Funding:

The authors received no direct funding for this research.

Competing Interests:

The authors declare no competing interests

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