



Natural Products; Health Welfares for Mankind

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Abstract:

As per World Health Organization (WHO), more than seventy percent of the world population trust on Traditional Healers (Natural Products; mainly herbal source) for the health care system. In fact, plants are the oldest friends of humans. They did not only provide food and shelter, but also served humanity to cure different diseases. The Natural Products also sometime called herbal or natural medicine, exists in one way or the other in different cultures and civilizations, such as Arab, Babylonian, Chinese, Egyptians, Greco, Japanese (Kampo), Tibbi & Unani (subcontinent) and Western.

At present, all Pharmacological classes of drugs including Natural Products prototype (Aspirin, Atropine, Artimesinin, Colchicine, Digoxin, Ephedrine, Morphine, Physostigmine, Pilocarpine, Quinine, Quinidine, Reserpine, Taxol, Tubocurarine, Vinblastine and Vincristine), are a few examples of what Medicinal Plants have offered in the past (Aftab, 1995).

Keywords: Natural Products, prototype, Traditional Healers, Cultures and Civilizations

Bibliography: Aftab K (1995). Pharmacological Screening of Natural Products for their anti-hypertensive action. Ph.D. Thesis, Fac. Pharm., Univ., Karachi, Pakistan

Biography:

Khalid AFTAB, PhD male, Pharmacologist, graduated from department of Pharmacology, Faculty of Pharmacy, University of Karachi, Pakistan in 1995. He worked for Pharmaceuticals industry as Quality Control & Quality Assurance professional and was actively involved in Research & Development of Pharmaceutical preparations. He has worked in few Medical & Dental Colleges & Universities as Assistant, Associate and became full Professor Pharmacology in 2006 and worked as visiting Professor in different Universities & research institutions. From 2009-2011, he has worked in Kingdom Saudi Arabia as a full Professor Pharmacology and currently working as Professor & HoD Pharmacology in SMC, University of



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Only Pakistani Pharmacologist who has got membership of American College of Clinical Pharmacology. Now he has published more than 50 papers in scientific journals of international repute and presented many lectures & poster presentations throughout the world, most awards to him was for the science and technology success. He was involved in drug discovery and the scientific evaluation of traditional remedies used in different disorders. His group has developed expertise in a wide range of activities and made valuable contributions on medicinal value of plants by providing pharmacological basis for their usefulness as antihypertensive, cardio-tonic, laxative, antispasmodic and anti-diarrheal. In recent year, he focused on the Biodiversity & Pharmacological activities of Marine organisms and got some important success.

Publication of speakers:

- <https://onlinelibrary.wiley.com/doi/abs/10.1002/ptr.2650090614>
- https://www.researchgate.net/profile/Darakhshan_Saleem/publication/319123630_Behavioral_Response_to_Apomorphine_in_Diet-Restriction-Induced_Hyperactivity_in_Rats
- <https://pdfs.semanticscholar.org/e540/34673320fb2ecb752d2923a7edca0a7e3c29.pdf>
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