

Analytical and Bio Analytical Chemistry is the major industry for the development of health, basic need of daily life, create employment, generate income, stronger economy, reducing financial crises, global Poverty and hunger in the developing countries of the world particularly in south Asia

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Abstract

The aim of presentation consist of analytical chemistry and Bio Analytical Chemistry, industry, health, life, emplyment, income, economy, poverty and hunger were studied and reported that Analytical and Bio Analytical Chemistry is the major industry for the development of health, basic need of daily life, create employment, generate income, stronger economy, reducing financial crises, global Poverty and hunger in the developing countries of the world particularly in south Asia. Chemistry is the major important industry related to the composition, structure, properties and reaction of substance, consist of the different branches/chemistry including analytical, physical, organic, inorganic, bio, food, envoi mental, agriculture, chemical engineering, geo, nuclear, green, clinical etc. Analytical chemistry studies and uses instruments and methods used to spearate, indentify and quantify matter. In practice separation, identification or quantification may consititue the entire analysis or be combined with another method. Analytical chemistry the subdivision of chemistry dealing with thequalitative and quantitative determination of chemical components of substances. The analytical chemistry uses, qualitative and quantitative observation to identify and major the physical and chemical properties of substances. In a Sense, all types of chemistry is analytical. Analytical chemistry is the subdivision of chemistry dealing with the qualitative and quantitative determination of chemical components of

substances. Analytical Chemistry is the branch of chemistry concerned with the identification and measurement of the constituents of a substance, or of particular components (e.g. contaminants) within it. In other words, analytical chemistry is the branch of chemistry concerned with the identification and measurement (by chemical or instrumental means) of the constituents of a substance, or of particular components (e.g. contaminants) with it. The typical job function including, I. Perform qualitative and quantitative analysis II. Sample, define, isolate, concentrate, and preserve sample III. Set error limits IV. Validate and verify results through calibration and standardization V. Perform separations based on differential chemical properties VI. Create new ways to make measurements VII. Interpret data in proper context VIII. Communicate their results and conclusions to other scientists. Bioanalytical chemistry is a subdiscipline of analytical chemistry that involves the separation, detection, identification and quantification of biological samples in different settings. It often involves the study of molecules such as proteins, peptides, DNA and drugs. Bioanalytical scientists develop, test, and examine biological samples, such as vaccines and pharmaceutical products. They perform experiments and analyze how pharmaceuticals react with biological tissues. Bioanalytical scientists often work in biotechnical or pharmaceutical fields. The study reported that the total

countries available in the world are 225, consist of (Developed countries = 49, developing countries = 150, observer state = 4, state without partial recognition = 8, unrecognized state = 14). Similarly, South Asia comprises the countries of Pakistan, Bangladesh, India, Bhutan, Maldives, Nepal and Sri Lanka. In the light of above study, it is proposed that Nutritional Science and Food Chemistry should be commercialized for the development of health, basic need of daily life, create employment, generate income, stronger economy, reducing financial crises, global Poverty and hunger in the developing countries of the world particularly in south Asia.

Biography:

Mr. Muhammad Usman, Former Director General of Agricultural Research System, Government of Pakistan who retired from service after a spotless career of about 32 years with senior level experience on research and development of integrated agricultural production, industries, Agriculture & Horticulture and bioenergy on a sustainable way. Mr. Usman is consider as the senior most scientist in the world, always participated in the international conferences as a plenary speaker, keynote speaker, renowned speaker, organizing committee member as well as moderator of the conferences around the world. Mr. Usman established "Prominent Agro Based Industries, Agro Based Industries and Consultancy SDN BHD" in Malaysia and "Foundation for Rural Development in Pakistan", with primarily aims to work on integrated agricultural project for Rural Development through improvement in agriculture and consultancy services to the formers at Malaysia.

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