

❖ Name & Designation	: Mr. Asif Elahi, Research Scholar
❖ Address	: Deptt. of Biochemistry, Jamia Hamdard, Hamdard Nagar, New Delhi-110062.
❖ Name of the International Conference/ Seminar/Symposium/Workshop	: Natural Products Research -2014. Phytochemical Society of Europe.
❖ Title of the abstract accepted	: Immunomodulatory potential of natural mineral compound jade in ash form (JAF).
❖ Date & Venue	: 23-25 th June 2014. Olomouc, Czech Republic.
❖ Money sanctioned	: Rs 85,219/-
❖ Money reimbursed	: Rs 85,219/-

Participation Report

a) **Organization of Training and work shop:**

Trends in natural products research 2014 was jointly organized by Phytochemical society of Europe and Palacky University, Olomouc, Czech Republic for creating an opportunity for researchers around the world to discuss and share ideas about recent research and development in the field of major aspects of phytochemistry. including research on: alkaloids, terpenoids, flavonoids, anthocyanins, lignans and other phenylpropanoids, natural products analytical chemistry and synthesis, cultivation, breeding and processing of plants, algae biochemistry and physiology, biotechnology and molecular biology, molecular pharmacology and pharmacognosy, drug discovery and development, health promoting phytochemicals, anticancer activity of phytochemicals. The conference had hundreds of participants from across the world

(U.K., Germany, Italy, Spain, China, Malaysia, Indonesia, Egypt, Turkey etc.). There were 10 sessions covering all the aspects of research on natural products.

b) Academic Highlights(New Development presented and resulting from the workshop):

Trends in natural products research 2014 conference brought researchers across the globe together to discuss the latest information regarding separation and purification of natural compounds and their biological activity. These new compounds were isolated from natural resources may be used as antioxidants, anticancer, anti-inflammatory drugs.

Presentations were given by keynote speakers who discussed the research going on in their labs regarding the separation, isolation and purification of active compounds from natural sources like plant, herbs, minerals and cyanobacteria and their biological activities. It was also demonstrated that how natural products can stimulate great expectations for future beneficial applications in personalized medicine. There were many presentations which focussed on strategies and methods in the search for bioactive natural products, Immunomodulating potential of cyanobacterial toxic metabolite, natural antileishmanial drugs, plant natural products as antibiotic resistance modifiers, use of HPLC and NMR for the identification of bioactive natural products, phytopharmaceuticals.

c) Participants contribution to the conference:

Trends in natural products research 2014 was held in hotel Flora jointly organized by Phytochemical society of Europe and Palacky University, Olomouc, Czech Republic from 23 to 25 June 2014. I Asif Elahi, Ph.D. scholar from department of Biochemistry presented a poster entitled "Immunomodulatory potential of natural mineral compound jade in ash form [JAF]". The poster presentation was highly appreciated by the scientific audience present.