

IMPORTANT DATES:

- Nov. 20th, 2018 — 1st Announcement
May. 31st, 2019 — Due date for abstract and CV submission
June. 15th, 2019 — Notification of the acceptance of the abstract
June. 30th, 2019 — Registration due date
July. 10th, 2019 — Due date for submission of the presentation file/
final paper
July. 31st, 2019 — Special Issue of Proceedings of PAS

Language:

English is the official language of the workshop. This language will be used for printed materials, presentations and discussions.

Weather:

The average day temperature in Islamabad in August varies between 25-35°C, the relative humidity is about 77%.

ORGANIZING COMMITTEE

Prof. Dr. Qasim Jan & Prof. Dr. Tariq Banuri, Patrons
Prof. Dr. M. Aslam Baig, Co-Patron
Prof. Dr. Zabta Khan Shinwari, Convener
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Sajid Majeed, Organizer
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Association of Academies and Societies of Sciences in Asia (AASSA): AASSA was established in 2012 through the merger of the Association of Academies of Sciences in Asia (AASA) and the Federation of Asian Scientific Academies and Societies (FASAS) to promote solidarity and cooperation among the scientific and technological academies in Asia and Oceania and to play a central role in cooperative efforts for further developing the region through science and technology. AASSA currently has a total of 33 member academies and societies representing 30 countries. It is one of the four Regional Networks of InterAcademy Partnership (IAP), the Global Network of Science Academies.

Pakistan Academy of Sciences (PAS): PAS was inaugurated by the then Prime Minister of Pakistan in February 1953. The Government of Pakistan has bestowed consultative and advisory status to the Academy on all problems relating to the development of scientific effort in the country. Currently, the PAS has 85 Fellows, 29 Foreign Fellows, and 19 Members. The Academy has been serving as the most prestigious scientific body of the country, and has been offering science-based advice to Government on various matters. The Academy organizes and supports conferences on topics of national importance and lectures on emerging areas of sciences. The salient recent activities of the Academy include regular monthly brainstorming sessions under the banner of "Making Pakistan Science Conscious" amongst senior and young scientists (i.e., postgraduate students and young faculty), organized in collaboration with universities and scientific organizations of the country.

Workshop Coordinator
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AASSA-PAS Regional Workshop

COMPLEMENTARY MEDICINE AS AN ANSWER TO CHALLENGES
FACED IN ACHIEVING SUSTAINABLE GOALS IN HEALTH

Islamabad; 19-21 August, 2019

ORGANIZED BY:

Association of Academies and Societies
of Sciences in Asia (AASSA)
&
Pakistan Academy of Sciences (PAS)

SUPPORTED BY:

The Inter Academy Partnership,
National Council for Tibb &
Mr. Iqbal A. Qarshi (Qarshi Industries Pvt Ltd.)

PARTNERS:



THE REGIONAL WORKSHOP

Global surveys and scientific studies indicate that about 80 % of the world population is dependent on the traditional, folklore or herbal medicines, as they possess certain advantages over the conventional medicines like being economical and having no side effects. Recently, traditional medicine got global recognition as the first Nobel prize was awarded for the first time for work in Traditional Chinese Medicine for treatment of Malaria. Medicinal plants are a huge reservoir of therapeutic chemical entities, which can yield massive health care benefits. Plants are rich in such components that can be exploited for beneficial use. For example the first anticancer drugs (vincristine and vinblastine) for human were isolated from *Catharanthus roseus*, taxol from *Taxus chinensis* while important drugs like colchicine from *Cinchona alba* and artemisinin from *Artemisia annua*.

The antimalarial research using traditional systems has given rise to Nobel prize that singles out the global recognition and huge potential of traditional or herbal medicines in health care. The global community has set goals for sustainable development, which covers different aspects of human and earth life such as reducing poverty, improving health, industrial innovation etc. Traditional medicine can play a significant role for covering the interconnected sustainable development goals. To reinforce the execution of the SDGs, measures should be taken on the global and regional levels to propagate, promote and support activities related to the traditional medicine. Asia in general and Pakistan in particular, is blessed with exciting medicinal flora, which has given rise to medicinal plants-and herbs-based scientific and industrial activities in the country. Numerous companies and industries have been developed successfully over the years.

This progress has rarely been seen through the lens of Sustainable Development Goals. Herbal medicines provide treatment modalities with easy accessibility and affordability, which are in line with the sustainable development. At present, the global community faces threats of drug resistance, as well as emerging and re-emerging infections. Neurodegenerative diseases like Alzheimer's diseases and Parkinson's diseases are other emerging issues while cancer is still the major cause of mortalities in spite of huge investments in R & D. A huge potential of the medicinal plants is yet to be explored, and these natural systems can have the answer to the major health care issues, thereby also contribute their part in the agenda for the sustainable development.

With the same aspirations, the workshop is based on the various themes of herbal research in connection to the sustainable development goals. The project will involve attention from diverse background like scientists, researchers, herbal practitioners, policy makers, students, etc. The workshop contains surveys to assess the level of awareness about SDGs, conference, and producing literature materials for onward use. The project will provide opportunity to develop futuristic plans for nurturing the herbal industries and their R & D, towards achievement of the sustainable development goals.

AIMS & OBJECTIVES

- To conduct a survey among the herbal practitioners and scientists about the sustainable development goals
- Surveying the current issues, challenges in Asia for herbal medicine
- Increasing awareness about the interface of herbal medicine and SDGs
- A multiple theme conference about herbal medicines and SDGs which will be based on interactive learning, group work, poster competitions, lectures, presentations, etc.
- Developing ambassadors for the sustainable development

THEMES OF THE WORKSHOP

1. Complementary Medicine and SDGs
2. Media and Complementary Medicine
3. Land Tenure and Sustainable use of Medicinal Plants
4. Role of Practitioners in maximizing benefits of Herbal Medicine

FINANCIAL SUPPORT

Due to budget restrictions, AASSA will provide need-based partial travel grants up to USD 600 worth to international participants whose submitted abstracts are accepted through review. Only up to two speakers from a country may receive this travel grant. For the participants who seek for travel support, please note more information will be released soon from the AASSA secretariat. In addition, local expenses (accommodation and meals) up to 4 nights for the speakers will be covered by PAS. We also welcome anyone who wishes to participate in this workshop with her / his own sponsorship.

FIELD TRIP

Rawal Dam & Lake View Park, Pakistan Monument and Its Museum, Lok Virsa Museum, Shah Faisal Mosque, Qarshi Industries and Lunch at Monal Restaurant, Pir Sohawa, Islamabad.

VENUE OF THE WORKSHOP

Pakistan Academy of Sciences, 3-Constitution Ave., Islamabad, Pakistan

ACCOMMODATION

PAS Fellow Lodge; HEC Guest House and Islamabad Hotel, Islamabad, Pakistan

PRELIMINARY PROGRAM

Sunday August 18th, 2019 Arrival

Monday August 19th, 2019 09:00 – 09:30 (Registration)
09:30 - 10:30 (Inauguration)
10:30-11:00 (Tea Break)
11:00-13:30 (First Tech. Session)
13:30-14:30 (Lunch & Prayers)
14:30-17:00 (Second Tech. Session)
19:30 (Welcome Dinner)

Tuesday August 20th, 2019 09:00- 10:30 (3rd Tech. Session)
10:30-11:00 (Tea Break)
11:00-13:30 (4th Tech. Session)
13:30-14:30 (Lunch & Prayers)
*14:30-16:00 (Preparation of Recommendations)
19:30 (Farewell Dinner)

Wednesday August 21st, 2019 Post Workshop Special Lecture
Prof. Dr. Atta-ur-Rahman,
Prof. Dato' Dr. Khairul Anuar B. Abdullah

CONTACT INFORMATION:

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