



## **MEMORANDUM OF UNDERSTANDING**

**on collaboration between**

**The UNESCO UNITWIN Network on Research and Postgraduate Education in  
Biophysics, Biotechnology and Environmental Health,**

**Semnan University**

**and**

**Iranian Biology Society**

**03-12-2020**

**Semnan University, Semnan, Iran.**

### **ARTICLE I**

#### **PURPOSE**

The purpose of this Memorandum of Understanding is to establish and expand scientific cooperation between the UNESCO/UNITWIN Network on Research and Postgraduate Education in Biophysics, Biotechnology and Environmental Health (hereinafter referred to as “Network”), Semnan University (hereinafter referred to as “SU”) and the Iranian Biology Society (hereinafter referred to as “IBS”).

Hereby, the SU is officially recognized as a member of UNESCO UNI/TWIN to conduct and cooperate in research and postgraduate education in Biophysics, Biotechnology and Environmental health with the support of the Network.

#### **AIMS**

The collaboration aims to:

- Promote joint activities such as holding scientific meetings, conferences, capacity building, encouraging national and international education and research and sharing expertise.
- Encourage the sharing of news and information on the developments of mutual relevant interest.

- Foster and endorse scientific, educational and research collaboration between the members of the SU, IBS and the Network with a view to enrich the discussions within and across the relevant fields of interest and strengthening the profile of scientific excellence in Life sciences at regional and international levels.
- Establish and equip office(s) and research lab(s) in SU as the affiliated workplaces to be used by academic members of the parties for non-beneficial educational and research purposes.
- Launch the basis for an international scientific journal in the framework of network titled as “International Journal of Desert Biotechnology, IJDB”.

## **AREAS OF COOPERATION**

### ***A. Exchange of Information***

The three parties will provide information on the substantive research programs, organizing events such as conferences, webinars, seminar, workshop, and congresses aimed at furthering the scientific objectives on the topics of mutual interest and will encourage and strengthen communication and cooperation between parties especially in the fields of mutual concerns and benefits.

### ***B. Research***

The parties shall make reasonable efforts to identify the regional biological problems and collaborate in the defining of the resolving corresponding joint research project(s). According to the aspects of individual project, contribution and the exchange of academic members and students, sharing the instruments and training activities is arranged and provided by capable members of parties. The details of institutional and individual responsibilities necessary for the accomplishment of the projects shall be set forth in writing and agreed upon by signing parties before a particular project is initiated.

### ***C. Education***

The parties will actively contribute to establish problem based International UNESCO postgraduate joint/assisting degrees (by coursework and/or research) in the necessary field of studies including; a) Computational Biophysics, b) Desert Biotechnology, c) Biotechnological recovery of water e) Biophysical control of insects, f) Altitude Biology and g) Biophysics and environmental health. The distinguished scholar members of the network will be invited to kindly act as the Adjunct Professors of the host university to contribute in the teaching and research activities of the corresponding degree(s).

### ***D. Exchange of Scientific and Scholarly Materials***

The parties shall seek agreement upon a list of their respective scientific and scholarly materials to be exchanged. To the extent practicable, the Network, SU, IBS set forth in writing their mutually agreed upon protocols and guidelines governing this exchange and distribution of information and experimental facilities, materials and equipment.

## **TERMS OF AGREEMENT**

The present Memorandum of Understanding becomes effective for five years upon signing date by the parties. The agreement may be extended automatically, unless either part of the parties decide to terminate it by giving a 30 days written notice and may be amended by mutual consent of the parties, formalized in written communications that specify the date which such amendments are to take effect

for the Network on Research and Postgraduate Education in Biophysics, Biotechnology and Environmental Health

The content of the MOU should obey the policies of the Armenia, Iran and any country of the network in the degree and/or research projects they are involved in.

**Prof. Sinerik Ayrapetyan**

Coordinator of the UNESCO  
Network

**Prof. Masoud Nasiri**

Chancellor of Semnan  
University

**Prof. Mohammad Nabiouni**

Head of Iranian Biology  
Society