



SEMINAR
"RAISING AWARENESS AND RESPONSIBILITY OF SCIENTISTS IN
LIFE SCIENCES"

Republic of Tajikistan
29 – 31, March, 2021

Location:

Tajikistan, Varzob district, Hoja Obi Garn, «SAROB»

Target group:

Specialists of TNAS, specialists and teachers of TAU named after Shotemur, TSMU named after Abuali ibn Sino, TSPU named after S. Aini, experts from TABioZ, Office of ISTC

SEMINAR PROGRAM

1st day – 29, March, 2021 – Monday				
TIME	Theme and Subject	Methodology	Presenter	Content
9.30-10.00	Registration of participants			
Moderator - A.S. Saidov, Doctor of Biological Sciences, Professor, TNAS Member - Corresponding, Head of Bioethics Council				
10.00-10.30	Presentation of the moderator and participants Welcome speech and introduction	Speeches	TNAS representatives, universities, Nasyrova F.Yu.	- Official opening
10.30 – 11.30	Review of the goal, the main objectives of the project. Seminar format and goals achievement.	Presentation	Nasyrova F.Yu.	- Detailing and familiarization with the seminar program
11.30 – 11.45 Collective photo and coffee break				
11.45 – 12.45	Ethics and Responsible Research: Key Concepts and Concepts	Presentation	Nasyrova F.Yu.	- Technology Concepts / Responsibilities - Responsibility for science and technology - Research and innovation - Dual use, research ethics and prevention network - Precautionary principle
12.45 – 13.00	Discussion of basic concepts and concepts		Saidov A.S.	- Q/A
13.00 – 14.00 Lunch				

Moderator - Z.K. Muhiddinov, Doctor of Chemical Sciences, Professor, Institute of Chemistry named after V. S. Nikitin, TNAS				
14.00 – 15.00	The role of scientists and codes of conduct in the dual-use sciences	Presentation	Jalilov A.	<ul style="list-style-type: none"> - Dual-use science - Dual-use goods - Controlled goods and technologies - The special role of scientists and scientific ethics
15.00 – 15.30	Test assignment, work in groups	The task	Jalilov A.	<ul style="list-style-type: none"> - Exercise and practice.
15.30 – 15.45 Coffee break				
15.45– 16.30	Role of the Bioethics Committee in raising awareness and accountability of scientists in the life sciences	Presentation	Rustamova M.S.	
16.30 – 17.00	Comments and discussion of the first day		Rustamova M.S.	- Q/A

2-nd day – 30, March, 2021 – Tuesday				
Moderator Rahmatov A.S., Candidate of Economic Sciences, Associate Professor, Executive Director of PA "TABioZ", Leading Researcher IE&D TNAS				
09.00 – 10.30	«Ethical dilemmas»	Presentation	Nasyrova F.Yu.	Institutionalization of science and society; Problematic aspects of groupthink; Fragmentation of responsibility
10.30 – 10.45 Coffee break				
10.45 – 12.30	«Ethical dilemmas»	Presentation	Nasyrova F.Yu.	Ethical dilemmas in scientific practice. Exercises

12.30 – 13.00	Discussing of ethical dilemmas	Discussion	Rahmatov A.S.	- Q/A
13.00 – 14.00 Lunch				
Moderator - Rustamova M.S., MD, Chairman of the Bioethics Committee of the Medical Department of TNAS				
14.00 – 15.00	International and national legal regime in the field of life sciences	Presentation	Rahmatov A.S.	- International legal regime related to aspects of dual use - Legislative acts - Public policy
15.00 – 15.30	Test assignment, work in groups	Task	Rahmatov A.S.	- Exercise and practice.
15.30 – 15.45 Coffee break				
15.45 – 16.05	Educational process in dual- use sciences at TSMU	Presentation	Satorov S.	
16.05 – 16.25	Educational process in dual- use sciences at TSPU	Presentation	Mirzorahimov A.	- Biosafety courses; -Research objectives; - Chemical substances.
16.25 – 16.45	Dual-use sciences in veterinary medicine and agriculture	Presentation	Odinaev K.	- Biosecurity and their factors; - Sources of infection; - Epizootology.
16.45 – 17.00	Final conclusions and comments of the 2 –nd day	Discussion	Rustamova M.S.	Q/A
19.00 – 21.00 Reception				

3-ed day –31, March, 2021– Wednesday			
Round table			
Moderator - Mirzoev D.M., Doctor of Veterinary Sciences, Professor, Academician of TAAS			
09.00 - 10.00	Basics of the module of the educational program in dual-use sciences	Nasyrova F.Yu.	- Presentation - Module components;
10.00 – 11.00	Community engagement in raising awareness and accountability of life science scientists	Rahmatov A.S.	- presentation
11.00 – 11.15 Coffee break			
11.15 – 12.00	Review of legislation in the context of the development and implementation of educational modules in the educational process	All experts and participants	Discussion
12.00 – 13.00	Teaching perspective and delivery of the course "Ethics and Responsible Behavior in the Dual-Use Sciences"	Satorov S., Mirzorahimov A., Odinaev K..	Suggestions and Recommendations
13.00 – 14.00 Lunch			
Moderator - F.Yu. Nasyrova, Doctor of Biological Sciences, Professor, Chairman of the TABioS Council, Deputy-Head of Bioethics Council of the TNAS			
13.00 – 15.00	Discussion of module layout	All participanrs	Discussion
15.00 – 15.15 Coffee break			
15.15 - 16.30	Development of recommendations and strategies for action	All experts and participants	Discussion Summing up, conclusion.
16.30 – 17.00	Issuance of certificates and closing of the seminar.		
Departure of participants			

- Other presentations and questions within the framework of the Seminar may be considered for the suggestions made
- The program of the Seminar is a draft version, the speakers and participants of the Seminar can make adjustments.