AFFIRM:

Director

BIOLOGY INSTITUTE

of SHANDONG ACADEMY of SCIENCES

(P. R. CHINA)

Professor

JIANGUO SHI

AFFIRM:

Rector

NATIONAL UNIVERSITY of FOOD

TECHNOLOGIES

of MINISTRY of EDUCATION AND

SCIENCES of UKRAINE (UKRAINE)

Professor

ANATOI

Memorandum

Party A: Prof. **Ma Yaohong and etc.** from Biology Institute of Shandong Academy of Sciences (Jinan, China).

Party B: Senior Scientist, Ph D habil., Dr. Shirinyan Aram from National University of Food Technologies of Ministry of Education and Sciences of Ukraine (nuft.edu.ua, Kiev, Ukraine).

Date: November 1, 2017

The meeting was held at Party A in China, in Jinan. The participants were Dr. Shirinyan Aram from Party B, Prof. Ma Yaohong and Zhu Sirong, Assistant Prof. Cai Lei and Gao Guangheng from Party A.

This memorandum of understanding aims at making cooperation between Biology Institute of Shandong Academy of sciences and National University of Food Technologies of Ministry of Education and Sciences of Ukraine, and achieving mutual developments for both of them. Through deep and wide consultations between the two parties, consensuses have been reached as follows:

I. New materials design for biosensors

Party A develops biosensors with new materials. Party B makes fundamental research related to theory, simulations and applications of new materials and gives consultations concerning the usage of such new materials in biosensors.

II. Technological cooperation and personnel exchanges

The two parties can conduct active and wide cooperation through mutual visits, meetings, emails and other electronic communications.

- II.1. The two parties can exchange the information and scientific results about new materials design for biosensors, the experimental samples of new jointly created materials for biosensors.
- II.2. The two parties can invite scientific group members from both parties for staff training, joint research, team work and consultations. In the case of invitation, Part A pays for accommodation, travel tickets and insurance of the members of Part B. Part A pays salary according to the international standards for scholarship.

III. Project Cooperation

The two parties can jointly apply for the domestic, international and intergovernmental Projects, and also, other levels of international cooperations.

Proprietary rights of the outcome

The patents, software copyrights and other technological achievements during cooperation are owned by both parties equally. Neither party could transfer, publish or disclose the results of joint work to the third party without the other party's consent.

Representative: Shi Jianguo

Signature: 2

Date: 11, 3, 2017

Biology Institute of Shandong Academy of Sciences (P. R. China)

28789th Jing Shidong Road, Jinan, Shandong Province 250014 China Representative: Shirinyan Ham

Signature:

Date: 11.3. 2017

National University of Food Technologies of Ministry of Education and Sciences of Ukraine,

Vulitsa Volodymirska, 68, Kyiv,

01601, Ukraine