Bilateral NSTC Project Meeting: Taiwan-Turkiye

Meeting minutes

Topic	Validation of a longitudinal diagnosis and prognosis for early recurrence of hepatocellular carcinoma in Taiwan and Türkiye – a novel multimodal fusion and interpretable machine learning
Date	26 September, 2023 (Third)
Scheduled starting time	Türkiye time 13:00 pm; Taiwan time 18:00pm; Mongolian time 18:00pm
Meeting end time	Türkiye time 15:00 pm; Taiwan time 20:00pm; Mongolian time 20:00pm
Place	Zoom meeting
Moderator	Prof. Chi-Chang Chang
Minutes taker	Ms. Chih-Han Huang (Betty)
Present	Prof. Hsi-Chieh Lee, Prof. Yi-Ju Tseng, Dr. Ming-Yang Lee, Prof. Ahmet Murat Ozbayoglu, Dr. Gökhan Kabacam
In attendance	Prof. Darambazar Gantulga, Prof. Jargalbat Puntsagdash, Dr. Bolormaa Purevdorj, Dr. Jargalsaikhan Badarch
Absent with apologies	Prof. Chi-Jie Lu, Dr. Hsiang-Lin Lee, Dr. Pei-Wei Shueng

I. Old Business

1. Based on the conclusions of the second meeting (26 July 2023), the three-year programme should be reduced to two years in accordance with the decision of the National Science and Technology Council (NSTC) on the grant.
2. Discussions were held on the follow-up discussion of the first year and second year work items of the program.

II. New Business/ Discussion

1. Prof. Chi-Chang Chang presented the current results of the Taiwan HCC cancer registry database and will provide these data to Prof. Hsi-Chieh Lee and Prof. Ahmet Murat Ozbayoglu for further analysis.
2. Prof. Hsi-Chieh Lee shared the current results of the CT images using various methods, which were annotated by Dr. Hsiang-Lin Lee based on his clinical expertise.
3. These cancer registry database and CT image data will send to Prof. Ahmet Murat Ozbayoglu for further analysis using advanced methods.

III. Resolution

1. Prof. Hsi-Chieh Lee and Ahmet Murat Ozbayoglu will provide analyses of the data from Taiwan's cancer registry by December 25, 2023.
2. Prof. Hsi-Chieh Lee and Ahmet Murat Ozbayoglu will present the results of the analysis of Taiwanese CT images by December 25, 2023.
3. Prof. Yi-Ju Tsang will provide clinical validation assistance to the first and second items

above.

4. Dr. Gökhan Kabacam will collect and provide some CT image data for a comparison study between Taiwan and Turkiye.
5. It is welcome to collect the Mongolian cancer registry to participate in the next discussion.
6. We welcome Prof. Ahmet Murat Ozbayoglu to be an invited speaker at the International Conference on Health Service Management (ICHSM), which is scheduled to be held in Istanbul from 6 to 8 September 2024.

IV. Date of next meeting

December 26, 2023