

**【Section 1】**

<b>NTU principle investigator</b>	
Name (last name, first name)	<b>Akhmetzhanov, Andrey</b>
Position	<b>Assistant Professor</b>
Faculty/Department	<b>College of Public Health / Institute of Epidemiology and Preventive Medicine &amp; Global Health Program</b>

<b>KU principle investigator</b>	
Name (last name, first name)	<b>Nishiura, Hiroshi</b>
Position	<b>Professor and Department Chair</b>
Faculty/Department	<b>Graduate School of Medicine and School of Public Health / Department of Health and Environmental Sciences</b>

<b>Type(s) of funding applied</b>	
<input checked="" type="checkbox"/>	Funding Type 1 (General Funding) only
<input type="checkbox"/>	Funding Type 2 (ECR Funding) only
<input type="checkbox"/>	Both Funding Type 1 (General Funding) and Type 2 (ECR Funding)

**【Section 2】**

**Project title**

*Determining the population immune profile for COVID-19 in Taiwan*

**Period of project**

**From dd/mm/yy  
to dd/mm/yy**

**Summary of the project (approx. 100 words)**

When most restrictions were lifted and COVID-19 became endemic, its transmission dynamics were mainly affected by a population immune profile, which determines the fraction of effectively protected individuals from SARS-CoV-2 infection either due to their vaccination or previous infection. With waning immunity, the estimation of this fraction is a challenge. The NTU/KU teams held discussions and experience sharing on how to estimate such fraction. Both presented their work on a specially organized seminar, which followed by discussion over future research (photos below). The teams also discussed the outbreak of dengue fever that was ongoing in Taiwan at that time.



**Photographs with captions**


\*Please submit digital files (such as JPEG or GIF files) of the photographs used in your report as attachments. The size of each image should be at least 4MB, so that it can be used for printed materials. Please ensure that none of the photographs submitted will cause any issues relating to portrait rights.



**From left to right:** Katsuma Hayashi (Assistant Professor at KU School of Public Health (SPH)), Pei-Hsuan Wu (a master graduate from NTU College of Public Health, Institute of Epidemiology and Preventive Medicine (EPM)), Yun-Chun Wu (an alumni from NTU CPH EPM), Andrei R. Akhmetzhanov

(Assistant Professor at NTU CPH EPM), Hiroshi Nishiura (Professor at KU SPH)

GHP: Invited lecture for COVID-19 course (October 19th, 2023)  

 全球衛生學位學程 Global Health Program <ntumgh@ntu.edu.tw> 18 Oct 2023, 11:45 ☆ 😊 ↶ ⋮  
to Alison, Alison, Arianna, Arianna, Bianca, Cai, Danielle, Danielle, Juliet, Juliet, Linda, Linda, Melissa, Melissa, Omorose, Omorose, ▾

Dear all,

There will be a special lecture between NTU CPH and Kyoto University School of Public Health for the course "COVID-19 Pandemic: Science, Response and Future Prospects". You are very welcome to come!

**Thu, October 19, 2023**  
**Rm. 212 10:20~12:10**

**\* Kyoto University**  
Prof. Hiroshi Nishiura (<http://sph.med.kyoto-u.ac.jp/en/field/class-11/>) will give a talk on SARS-CoV-2 transmission in the night town  
Dr. Katsuma Hayashi from Nishiura Lab (<https://researchmap.jp/ka-tsu-ma->) will present on COVID-19 in Japan

**\* NTU CPH**  
Dr. Andrei R. Akhmetzhanov (<https://researchmap.jp/aakhmetz?lang=en>) will give a talk on short-term forecasting of COVID-19 incidence in Taiwan in 2023

Each talk will be for 25 minutes followed by a 5-minute Q&A session.

Hope to see some of you tomorrow.

Best regards,  
Andrei R. Akhmetzhanov

**Invitation for all faculty members and students about our special session with invited speakers from KU SPH.**

**URL at which project outcomes can be viewed (Optional)**

\*E.g. workshop notifications/programs/reports, evidence of academic papers published or otherwise made available, etc.

URL: MA