



# NCHU & UCTP Webinar:

Exploring the research collaboration opportunities  
and synergies between NCHU and UCTP

November 12, 2020



Prague, Czech Republic: 8:30 – 10:30

Taichung City, Taiwan: 15:30 – 17:30

**PROGRAMME – standard: 5 min presentation + 5 min Q & A**

## Time (as CET)

(CZ) 8:30 – 8:45

(TW) 15:30 – 15:45

(CZ) 8:45 – 8:55

(TW) 15:45 – 15:55

(CZ) 8:55 – 9:05

(TW) 15:55 – 16:05

(CZ) 9:05 – 9:15

(TW) 16:05 – 16:15

## **Welcome address**

**Assoc. Prof. Karel Friess, PhD** ([karel.friess@vscht.cz](mailto:karel.friess@vscht.cz))

New advanced materials for the preparation of effective gas separation membranes – the role of additives and experimental conditions  
<http://membranegroup.cz/>

**Prof. Shing-Yi Suen, PhD** ([sysuen@dragon.nchu.edu.tw](mailto:sysuen@dragon.nchu.edu.tw))

Design of mixed matrix membranes for gas separation and pervaporation  
<http://web.nchu.edu.tw/~sysuen/teacher.htm>

**Assoc. Prof. Jan Merna, PhD** ([merna@vscht.cz](mailto:merna@vscht.cz))

Design & self-assembly of amphiphilic copolymers with dendritic polyethylene core by chain-walking polymerization: Search for applications  
<http://merna.eu/>

**Assist. Prof. Wen-Hsuan Chiang, PhD**

([whchiang@dragon.nchu.edu.tw](mailto:whchiang@dragon.nchu.edu.tw))

Design of functionalized nanoparticles for drug delivery and cancer therapy  
<http://www.che.nchu.edu.tw/faculty2.aspx?dsn=2043&csn=1915>

(CZ) 9:15 – 9:25

(TW) 16:15 – 16:25

**Jan Heyda, PhD** ([jan.heyda@gmail.com](mailto:jan.heyda@gmail.com))

Preferential interactions as stimuli in thermoresponsive soft matter  
<https://janheyda.wordpress.com/>

(CZ) 9:25 – 9:35

(TW) 16:25 – 16:35

**Prof. Chih-Feng Huang, PhD** ([HuangCF@dragon.nchu.edu.tw](mailto:HuangCF@dragon.nchu.edu.tw))

Precise design of nitrogen-containing copolymers and study of their self-assembly behaviors and applications  
<http://web.nchu.edu.tw/~chehuanglab/introduction-english.html>

(CZ) 9:35 – 9:45

(TW) 16:35 – 16:45

**Assoc. Prof. Jan Mareš, PhD** ([jan.mares@vscht.cz](mailto:jan.mares@vscht.cz))

Signal processing and early diagnosis of rare diseases  
<https://optimcyb.vscht.cz>

(CZ) 9:45 – 9:55

(TW) 16:45 – 16:55

**Ching-Ying Huang, PhD** ([cyh@nchu.edu.tw](mailto:cyh@nchu.edu.tw))

Equipment development of real-time monitoring device for intestinal host-microbial interaction  
<https://cyhnchu.wixsite.com/mysite>

(CZ) 9:55 – 10:05

(TW) 16:55 – 17:05

**Prof. Ching-Chou Wu, PhD** ([ccwu@dragon.nchu.edu.tw](mailto:ccwu@dragon.nchu.edu.tw))

An ultrasensitive and label-free impedimetric immunosensor for the rapid detection of foodborne bacteria  
<https://sites.google.com/site/bmmasweb/group-members>

(CZ) 10:05 – 10:20

(TW) 16:05 – 17:20

**Prof. Tomáš Ruml, PhD** ([tomas.ruml@vscht.cz](mailto:tomas.ruml@vscht.cz))

Exploring the research collaboration opportunities and synergies between UCTP and NCHU in areas of virology, biologically active compounds and materials biocompatibility

(CZ) 10:20 – 10:30

(TW) 17:20 – 17:30

**General discussion**

