



# 2017 International Biotechnology Forum & CCU-KU Joint Symposium

Thursday, 22<sup>nd</sup> June, 2017

## Biotechnology Forum 9:00 - 12:00

Conference Room 3C, Administration Building, CCU

Kazimierz Strzałka (Jagiellonian University, Poland)  
Vichai Leelavatcharamas (Khon Kaen University, Thailand)  
Chartchai Khanongnuch (Chiang Mai University, Thailand)  
Apinun Kanpiengjai (Chiang Mai University, Thailand)  
Vilai Rungsardthong (King Mongkut's University of Technology North Bangkok, Thailand)  
Nuttakan Nitayaypat (Kasetsart University, Thailand)  
Prakit Sukyai (Kasetsart University, Thailand)  
Kittipong Rattanaporn (Kasetsart University, Thailand)  
Ulaiwan Withayagiat (Kasetsart University, Thailand)  
CCU colleagues



## CCU-KU Joint Symposium 13:30 - 17:00

Lecture Hall 132, College of Science, CCU

Chairs: Nuttakan Nitayaypat (KU), Kuang-Tse Huang (CCU)  
Prakit Sukyai (Department of Biotechnology, Kasetsart University)  
*Xylanase assisted pre-treatment for cellulose nanofibrils isolation from sugarcane bagasse by high pressure homogenization*  
Cheng-I Lee (Department of Life Science, CCU)  
*EGFR-targeted photodynamic therapy by curcumin-encapsulated chitosan/TPP nanoparticles*  
Kittipong Rattanaporn (Department of Biotechnology, Kasetsart University)  
*In Planta transient expression of recombinant human therapeutic protein*  
Hau-Ren Chen (Department of Life Science, CCU)  
*Investigate the roles of core-interacting protein hIAF7 and develop the novel anti-envelope antibody for dengue virus*  
Ulaiwan Withayagiat (Department of Biotechnology, Kasetsart University)  
*Rice Brewing Research*  
Ching-Ching Yu (Department of Chemistry and Biochemistry, CCU)  
*Enzymatic synthesis of fucosylated human milk oligosaccharides*



### Contact Persons

Wen-Chien Lee (chmwcl@ccu.edu.tw); Kuang-Tse Huang (chmkth@ccu.edu.tw)

# 2017 International Biotechnology Forum & CCU-KU Joint Symposium

**June 21**

15:00-17:00 Campus tour

17:30- Reception

**June 22**

Conference Room 3C, Administration Building, CCU

**8:30 – 9:00**     **Registration**

## Biotechnology Forum

**9:00–12:00**

**Chairs:** Jing-Cherng Tsai (CCU), Chien-Kuo Tai (CCU)

**Speakers/Participants:**

Kazimierz Strzałka (Jagiellonian University, Poland)

Vichai Leelavatcharamas (Khon Kaen University, Thailand)

Chartchai Khanongnuch (Chiang Mai University, Thailand)

Apinun Kanpiengjai (Chiang Mai University, Thailand)

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Kittipong Rattanaporn (Kasetsart University, Thailand)

Ulaiwan Withayagiat (Kasetsart University, Thailand)

CCU colleagues

**12:00 – 13:30**     **Lunch**

## CCU-KU Joint Symposium

Lecture Hall 132, College of Science, CCU

**Chairs**

Nuttakan Nitayaypat (KU), Kuang-Tse Huang (CCU)

**13:30 – 13:50**

Prakit Sukyai (Department of Biotechnology, Kasetsart University)

*Xylanase assisted pre-treatment for cellulose nanofibrils isolation from sugarcane bagasse by high pressure homogenization*

**13:50 – 14:10**

Cheng-I Lee (Department of Life Science, CCU)

*EGFR-targeted photodynamic therapy by curcumin-encapsulated chitosan/TPP nanoparticles*

**14:10 – 14:30**

Kittipong Rattanaporn (Department of Biotechnology, Kasetsart University)

*In Planta transient expression of recombinant human therapeutic protein*

**14:30 – 15:00**     **Coffee break**

**15:00 –15:20**

Hau-Ren Chen (Department of Life Science, CCU)

*Investigate the roles of core-interacting protein hTAF7 and develop the novel anti-envelope antibody for dengue virus*

**15:20 –15:40**

Ulaiwan Withayagiat (Department of Biotechnology, Kasetsart University)

*Rice Brewing Research*

**15:40 –16:00**

Ching-Ching Yu (Department of Chemistry and Biochemistry, CCU)

*Enzymatic synthesis of fucosylated human milk oligosaccharides*

**16:00 – 17:00**     **Panel discussion on research collaboration**

**17:00 –**     Move to National Yunlin University of Science and Technology