

2016 Advanced Biomaterials and Medical Membranes Symposium

尖端生醫材料與醫用薄膜技術研習會

時間: 2016年9月2日, 1:30 ~ 4:30 pm

地點: 中原大學薄膜技術研發中心二館會議室

主辦單位:

R&D for Membrane Technology, Chung Yuan University, Taiwan

(中原大學薄膜技術研發中心)

主辦人員:

R&D for Membrane Technology, Deputy Director, Prof. Yung Chang, Department of Chemical Engineering, CYCU

(中原大學化工系, 薄膜技術研發中心副主任 張雍教授)

Prof. Akon Higuchi, Department of Chemical and Materials Engineering, National Central University

(國立中央大學化材系 樋口亞紺教授)

R&D for Membrane Technology, Director, Prof. Lee Kueir-Rarn, Department of Chemical Engineering, CYCU

(中原大學化工系, 薄膜技術研發中心主任 李魁然教授)



會議議程:

01:30-2:30 Presentation by Prof. 陳國平 (Tissue Regeneration Materials Unit, International Center for Materials Nano-architectonics (MANA), National Institute for Materials Science, Tsukuba, Japan)

Title: Influence of Micropatterned Structures on Stemness Variation of Human Mesenchymal Stem Cells.

02:30-3:30 Presentation by Prof. Jöns Hilborn (President of Termis, Uppsala University, Sweden)

Title: The magic bullet of small interfering RNA (siRNA) is easy to manufacture, it targets sharply and has high kill rates. But how to pull the trigger?

03:30-4:00 Presentation by Prof. Akon Higuchi (Professor, National Central University, Taiwan)

Title: Culture and Differentiation of Human Pluripotent Stem Cells on Biomaterials immobilized Nanosegments

04:00-4:30 Presentation by Prof. Yung Chang (Distinguished Professor, Chung Yuan University, Taiwan)

Title: Bio-inspired zwitterionic membranes for fouling resistance

Funding Supports

科技部 奈米生技醫療導向性基礎整合型研究計畫(MOST 105-2119-M-008 -006); 研發連續式培養操作型生物反應器系統於接枝具奈米鏈段之智能生物材料控制人類胚胎和萬能幹細胞增生與分化(1/3)

科技部 深耕工業基礎技術專案計畫(MOST 104-2218-E-033-012); 工業廢水回收再利用--- 高抗污超過濾及奈米過濾膜組之開發(1/4)