

International Conferences

1. **Yu-Sheng Hsiao**, Chiung-Wen Kuo and Peilin Chen,^{*} “Multifunctional Graphene-PEDOT Microelectrode Arrays”, 2013 MRS spring meeting, San Francisco, USA. (美國材料年會).
2. **Yu-Sheng Hsiao**, Chiung-Wen Kuo and Peilin Chen,^{*} “Multifunctional Graphene–PEDOT Microelectrodes for On-Chip Manipulation of Human Mesenchymal Stem Cells”, The 4th Taiwan-Japan Symposium on Nanomedicine 2012 Taipei, Taiwan.
3. **Yu-Sheng Hsiao**, Shyh-Chyang Luo, Bo Zhu, Jun Sekine, Chu-Hua Lu, Chiung-Wen Kuo, Hsiao-hua Yu^{*} and Peilin Chen,^{*} “Bioelectronic interface: dimensional and chemical control of conducting polymer-based micro/nanorod arrays”, The 4th Taiwan-Japan Symposium on Nanomedicine 2012 Taipei, Taiwan.
4. **Yu-Sheng Hsiao**, Chiung-Wen Kuo, Chih-Wei Chu and Peilin Chen,^{*} “Manipulation of Human Mesenchymal Stem Cells by Multifunctional Graphene-PEDOT Microelectrode Arrays”, Proceedings of the 16th International Conference on Micro Total Analysis Systems MicroTAS 2012 Okinawa, Japan.
5. **Yu-Sheng Hsiao** (invited talk), “On Chip Cell Manipulation and Detection”, Singapore-Taiwan Optofluidics for Water and Environment Workshop 2012 Taipei, Taiwan.
6. **Yu-Sheng Hsiao**, Chiung Wen Kuo, Chih-Wei Chu and Peilin Chen,^{*} “ Manipulation of Neuron-like pheochromocytoma (PC-12) Cell Behavior and Controlled Anti-inflammatory Drug Release by Multifunctional Graphene-PEDOT Microelectrode Arrays”, International Symposium on Microchemistry and Microsystems (ISMM) 2012 Hsinchu, Taiwan. (國際微化學與微系統研討會).
7. **Yu-Sheng Hsiao**, Chung-Chih Lin, Hsin-Jui Hsieh, Shih-Min Tsai, Chun-Wen Kuo, Peilin Chen,^{*} “Manipulating Location, Polarity, and Outgrowth Length of Neuron-like Pheochromocytoma (PC-12) Cells on Patterned Organic Electrode Arrays and Networks”,

International Symposium on Microchemistry and Microsystems (ISMM) 2012 Hsinchu, Taiwan. (國際微化學與微系統研討會).

8. Chiung Wen Kuo, **Yu-Sheng Hsiao** and Peilin Chen,* “ Manipulating Cells Morphology by Organic Electrode Arrays”, 2012 E-MRS spring meeting, Strasbourg, France. (歐洲材料年會).
9. Chiung Wen Kuo, **Yu-Sheng Hsiao**, Chih-Wei Chu and Peilin Chen,* “ Drug Releasing Bio-organic Electrode Arrays”, 2012 E-MRS spring meeting, Strasbourg, France. (歐洲材料年會).
10. **Yu-Sheng Hsiao**, Hsin-Jui Hsieh, Shih-Min Tsai, Chun-Wen Kuo, Peilin Chen,* Chung-Chih Lin, “Manipulation of Location, Polarity and Outgrowth Length on Patterned Organic Electrode Arrays”, 2011 The 2nd International Symposium on Recent Advances in Applied Sciences, Hualien, Taiwan.
11. Chiung Wen Kuo, **Yu-Sheng Hsiao** and Peilin Chen,* “Improving the Light Trapping Efficiency of Polymer Bulk-Heterojunction Solar Cells by Surface-Plasmonic Effects”, 2011 E-MRS spring meeting, Nice, France. (歐洲材料年會).
12. **Yu-Sheng Hsiao**, Fan-Ching Chien, Jen-Hsien Huang, Chih-Ping Chen, Chiung-Wen Kuo, Chih-Wei Chu* and **Peilin Chen*** “A Facile Transferring Method to Fabricate a Light Harvesting System for Polymer Solar Cells”, 2011 MRS spring meeting, San Francisco, USA. (美國材料年會).
13. **Yu-Sheng Hsiao**, “Manipulation of Neuronal Location, Polarity and Outgrowth by Organic Electrodes”, 2011 RCAS Annual Workshop, Taipei, Taiwan (Oral Presentation).
14. **Yu-Sheng Hsiao**, Hsin-Jui Hsieh, Shih-Min Tsai, Chun-Wen Kuo, Chung-Chih Lin, Peilin Chen,* “Controlling Neuronal Location and Polarity by Organic Electrode Arrays for Biological Applications”, 2011 19th The Chinese Society of Cell and Molecular Biology Meeting, Kaohsiung, Taiwan. (細胞及分子生物新知研討會).
15. **Yu-Sheng Hsiao**, Wha-Tzong Whang,* Shich-Chang Suen, Jau-Ye Shiu, Chih-Ping Chen,

“Morphology control of CuPc and its application in organic solar cells”, 2007 MRS fall meeting, Boston, USA. (美國材料年會).

Invited Seminar and Lectures

1. 5/2012 Department of Materials and Optoelectronics Science, National Sun Yat-Sen University, Kaohsiung, Taiwan. (國立中山大學材料與光電科學學系).
2. 4/2012 RIKEN Advanced Science Institute (ASI), Wako, Japan. (日本理化學研究所).