

2018

3rd International BioMedical Interface Symposium

in Naha, OKINAWA

日台異分野交流会議

March 10, 2018 13:00 ~ 18:00

at Lecture Room, **OKINAWA Museum & Art Museum**

Session I:

Recognition & Visualization for Medical Imaging

Session II:

An Intersection of Pharmaceutical & Material Sciences

Session III:

Materials for Biomedical Applications

March 11, 2018 9:00 ~ 12:30

at The Hall, **Naha-City Hoshizora Public Hall**

Session IV:

Advanced Medicine for Islands & Subtropical Regions

ORGANIZING COMMITTEE

Chair: Hidehiro Kishimoto
(University of the Ryukyus, JAPAN)

Co-Chair: Kohei Soga
(Tokyo University of Sciences, JAPAN)

HOST



CO-HOST



2018IBMI <http://www.sogalabo.jp/2018IBMI>

3rd International BioMedical Interface Symposium
in Naha, OKINAWA

March 10th, 2018 (Sat) 13:00 ~ 24:00
at *OKINAWA Prefectural Museum & Art Musseum*

Opening Remarks (13:00)

Prof Hajime Ishida, Dean Grad Sch of Med., Univ. Ryukyus

Session I: Recognition & Visualization for Medical Imaging

Chair: Prof. Naoyuki Aikawa (Tokyo Univ. Sci.)

13:10~13:25 Dr. Hideo Yokota (横田 秀夫)(Team Leader, Image Proces Res Team, Ctr for Adv Photonics RIKEN)

“Towards advanced quantitative biomedical science using image processing techniques”

13:30~13:45 Dr. Penny Wen (Dept. Mechanical Eng. National Chiao Tung University)

“Predicting Sport Injury Risk Using Individual Pedaling Performance and Musculoskeletal Simulation”

13:50~14:05 Dr. Daisuke Utsumi (内海 大介)(Grad Sch of Med., Univ. Ryukyus)

“Application of machine learning with transcriptome data to identify the cellular origin of unknown primary cancer for metastatic skin tumor”

Session II: An Intersection of Pharmaceutical & Material Sciences

Chair: Prof. Shin Aoki (Tokyo Univ. Sci.) & Assist. Prof. Long-Sheng Lu (Taipei Medical Univ.)

14:10~14:26 Prof. Yoshikazu Higami (樋上 賀一)(Fac. Pharm. Sci., Tokyo Univ. Sci.)

“A Novel Mediator for Pro-longevity and Anti-aging Actions of Caloric Restriction”

14:26~14:42 Assoc. Prof. Masahiro Motosuke (元祐 昌廣)(Fac. Eng., Tokyo Univ. Sci.)

” Microfluidic Approach toward Highly Efficient Biomedical Interface”

14:42~14:58 Prof. Shin Aoki (青木 伸)(Fac. Pharm. Sci., Tokyo Univ. Sci.)

“Molecular and Material Approach to Cancer Theranostics”

14:58~15:14 Assist. Prof. Yin-Ju Chen (陳 盈汝) (Grad Inst of Biomed Mater & Tissue Engineering, Taipei Medical Univ.)
"Personalized Oncology and Circulating Tumor Cells"

15:14~15:30 Assist. Prof. Long-Sheng Lu (呂 隆昇) (Grad Inst of Biomed Mater & Tissue Engineering, Taipei Medical Univ.)
"Stronger Together: When Immunotherapeutics Meet Cancer Radiotherapy"

~~~~~ **BREAK** ~~~~~

### Session III: Materials for Biomedical Applications

**Chair: Prof. Kohei Soga (Tokyo Univ. Sci.)**

**16:00~16:15** Prof. Kohei Soga (曾我 公平) (Dept. Mater. Sci. & Tech, Tokyo Univ. Sci.)  
"Application of Long-Wavelength Near Infrared Light for Transparent Medical Photonics"

**16:20~16:35** Assist. Prof. Tsung-Rong Kuo (郭 聰榮) (Grad Inst of Nanomed and Med Eng, Taipei Medical Univ. )  
"Nanomaterials for Disease Detections"

**16:40~16:55** Prof. Akihiko Kikuchi (菊池 明彦) (Dept. Mater. Sci. & Tech, Tokyo Univ.Sci.)  
"Thermoresponsive and Transformable Core-corona Type Nanoparticles for Controlled Cellular Uptake"

**17:00~17:15** Prof. Yang Jen-Chang (楊 正昌) (Grad Inst of Nanomed and Med Eng, Taipei Medical Univ. )  
"Processing and Medical Applications of Regenerated Silk Polymers"

- \* - \* - \* - \* **Banquet (19:00~)** - \* - \* - \* - \*

March 11<sup>th</sup>, 2018 (Sun) 9:30 ~  
at The Hall, Naha-City Hoshizora Public Hall

**Session IV: Advanced Medicine for Islands & Subtropical Regions**

**Chair: Prof. Hidehiro Kishimoto (Univ. Ryukyus) & Dr. Yan-Jiun Huang (Taipei Medical Univ.)**

**9:30~9:45** Prof. Yusuke Shimizu (清水 雄介) (Grad Sch of Med., Univ. Ryukyus)  
“Clinical Trial for the Treatment of Depressed Facial Lesions using Cultured Adipose Derived Stem Cells”

**9:50~10:05** Prof. Ryo Goitsuka (後飯塚 僚) (Grad Sch of Biological Sci., Tokyo Univ. Sci.)  
“Myeloproliferative diseases triggered by the leukemogenic niche in the spleen”

**10:10~10:25** Prof. Masato Kubo (久保 允人) (Grad Sch of Biological Sci., Tokyo Univ. Sci.)  
“Novel vaccine strategy based on T cell response”

**10:30~10:45** Dr. Yan-Jiun Huang (黃 彥鈞) (Taipei Medical Univ. Hospital)  
“Surgical Management and Development of Novel Therapeutics for Colorectal Cancer: -  
-Finding way out.....”

**10:50~11:05** Prof. Chien-Chung Chen (陳 建中) ((Grad Inst of Biomed Mater & Tissue Engineering, Taipei Medical Univ.)  
“Polymeric substrate for medical applications, How hollow fiber can be utilized for cancer translation, and beyond”

**11:10~11:25** Prof. Shinnosuke Karube (加留部 謙之輔) (Grad Sch of Med., Univ. Ryukyus)  
“Genomic heterogeneity of malignant lymphoma and future perspective of genomics oriented cancer treatment”

**Closing Remark (11:45)**

# Banquet Venue

Where: Taianmaru-Shintoshin (大安丸 新都心店)

When: 7 PM ~, March 10, 2018

Participation fee: 4000 Yen/person



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