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# 第13回 高度医療都市を創出する未来技術国際シンポジウム

## The 13th International Symposium for Future Technology Creating Better Human Health and Society

# 複雑な課題を解決する イノベーションを生む鍵

The key to innovation that solves complex problems

オンライン  
ZOOM 言語: 英語  
Language: English  
[参加無料]

日時 **2022年 2月3日(木)・4日(金)**

Dates February 3 and 4, Online

2:00-11:00am (Cairo time), 5:30am-2:30pm (Kolkata time), 6:00am-3:00pm (Dhaka time), 7:00am-4:00pm (Jakarta time)  
8:00am-5:00pm (Kuala Lumpur time), 9:00am-6:00pm (Okayama), 7:00am-4:00pm (Montreal time)

### 2月3日(木) February 3

- ▶9:55 - 10:00 am **Opening message** Dr. Masaharu Seno, Ph.D.
- ▶10:00 - 10:35am  
**Chair Dr. Kazuhiko Demura and Dr. Masaharu Seno**
- Ⅰ. History of Advanced Practice in a Hospital: a case report in our Graduate School  
Dr. Yoshimi Hyodo, Ph.D. & Dr. Mizuki Morita, Ph.D., Okayama University
- ▶10:35 - 11:10 am  
Ⅱ. Augustinian Philosophical Anthropology of Heart and the Innovation of Health Systems  
Dr. Kazuhiko Demura, Ph.D., Okayama University
- ▶11:10 -11:45 am  
Ⅲ. Flexible way of thinking: practical, logical, theoretical or traditional approach to cancer  
Dr. Masaharu Seno, Ph.D., Okayama University
- ..... 11:45 am - 1:30 pm Break .....
- ▶1:30 pm  
**Welcome Remarks** Dr. Yasutomo Nasu, M.D., Ph.D., Director of Research
- ▶1:40 - 2:15 pm  
**Chair Dr. Hafiza Mahmud, Universiti Teknologi Malaysia**
- Ⅰ. Bioprocess platform development for the production of fungal immunomodulators for pharmaceutical and nutraceutical industries  
Dr. Hesham Ali El-Enshasy, Ph.D., Universiti Teknologi Malaysia
- ▶2:15 - 2:50 pm  
**Chair Dr. Apriliana Cahya Khyrani, Universitas Indonesia.**
- Ⅱ. Turning oil palm wastes into valuable chemicals  
Dr. Misri Gozan, Dr.Eng., Universitas Indonesia.
- ..... 2:50 - 3:05 pm Break .....
- ▶3:05 - 3:40 pm  
**Chair Dr. Mona Mehruba, MBA, Ph.D, Okayama University**
- Ⅰ. Digitalization of COVID-19 Vaccine Management in a Country of 170 Million People: The Way Forward  
Dr. Shah Ali Akbar Ashrafi, M.D., Directorate General of Health Service, Bangladesh
- ▶3:40 - 4:15 pm  
**Chair Dr. Sumauli Pyne, Ph.D., Sister Nivedita University,**
- Ⅱ. Improving human lives with materials - A reality check  
Dr. Argha Chakraborty, Ph.D., Sister Nivedita University, India
- ▶4:15 - 4:50 pm  
**Chair Dr. Maram Zahra, Ph.D., Okayama University**
- Ⅲ. A Journey In Design, Synthesis and Development of Novel Anticancer and Antimalarial Agents  
Dr. Ibrahim El-Tantawy El-Sayed, Ph.D., Menoufia University, Egypt

### 2月4日(金) February 4

- ▶11:00 - 11:35 am  
**Chair Dr. Toeshhiko Kiwa, Ph.D., Okayama University**
- Ⅰ. Intense terahertz-matter interaction for advanced manufacturing of DNA nano materials  
Dr. Tsuneyuki Ozaki, Ph.D., Énergie, Matériaux et Télécommunications, Canada
- ▶11:35 - 12:10 am  
Ⅱ. Building Better Healthcare with Advanced Terahertz Chemical Microscope  
Dr. Jin Wang, Ph.D., Okayama University
- ..... 12:10 am - 1:15 pm Break .....
- ▶1:15 - 1:50 pm  
**Chair Dr. Jin Wang, Ph.D.**
- Ⅲ. AC magnetic response of magnetic nanoparticles for biomedical application  
Dr. Kenji Sakai, Ph.D., Okayama University
- ▶1:50 -2:25 pm  
**Chair Dr. Kenji Sakai, Ph.D.**
- Ⅳ. Driver drowsiness from perspective physiological approaches  
Dr. Mahfuzah Binti Mustafa, Ph.D., Universiti Putra Malaysia
- ▶2:25 - 3:00 pm  
Ⅴ. Characterization Techniques of Magnetic Nanoparticles: Instrumentation & Magnetic Properties Extraction  
Dr. Mohd Mawardi Bin Saari, Ph.D.
- ..... 3:00 - 3:15 pm Break .....
- ▶3:15 - 3:50 pm  
**Chair Dr. Masaharu Seno, Ph.D., Okayama University**
- Ⅵ. A Systematic Approach to Find the Area of Contributions by Analyzing Different Influencing Factors using System Thinking  
Dr. Soma Datta, Ph.D., Sister Nivedita University, India
- ▶15:50 - 16:25  
Ⅶ. Digitization and low cost indigenou technologies to address health problems in India  
Dr. Gargi Lahiri, Ph.D., Sister Nivedita University, India
- ▶16:25 - 16:30 **Closing Remarks** Dr. Akio Gofuku, Ph.D., Dean

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