

# 11<sup>th</sup> MODELS OF PHYSIOLOGY and DISEASE SYMPOSIUM & 2019 INTERNATIONAL PERSPECTIVES on GEROSCIENCE MEETING *Singapore*

24 – 26 September 2019  
National University of Singapore  
Tahir Foundation Building, MD1  
LT37 and Multi-Purpose Halls

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## AT-A-GLANCE PROGRAM

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### Day 1: Models of Physiology in Health and Diseases (24 September 2019)

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Session 1: Neurobiology

Session 2: Integrative Physiology

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### Day 2: Biology of Aging and Aging-related Chronic Diseases (25 September 2019)

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Session 3: Biology of Aging

Session 4: Aging-related Chronic Diseases

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### Day 3: Active Aging (26 September 2019)

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Session 5: Active Aging

Check for updates at symposium website

[http://medicine.nus.edu.sg/phys/Physiology\\_Symposium\\_2019/index.html](http://medicine.nus.edu.sg/phys/Physiology_Symposium_2019/index.html)

For more information please contact [contact@nathanshockcenters.org](mailto:contact@nathanshockcenters.org) or follow us  
[@nathanshockctr](#)s on Twitter.

## PROGRAM

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### 24 September 2019, Tuesday Day 1: Models of Physiology in Health and Diseases

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8:15 - 8:50am      *Registration*

8:50 - 9:00am      Opening Remarks

#### SESSION 1: Neurobiology

9:00 - 9:45am      **Zuhang SHENG**  
Keynote: Neurobiology  
National Institute of Neurological Disorders and Stroke, NIH, USA

9:45 - 10:10am     **Shi Yan NG**  
Institute of Molecular and Cell Biology, A\*STAR, Singapore

10:10 - 10:40am     *Tea Break*

10:40 - 11:05am     **Sergiu PASCA**  
Stanford University, USA

11:05 - 11:30am     **Andrew Yong-Yi TAN**  
National University of Singapore, Singapore

11:30 - 11:45am     *Short talk 1*

11:45 - 12:45pm     *Lunch*

#### SESSION 2: Integrative Physiology

12:45 - 1:10pm      **Swarnali ACHARYYA**  
Columbia University, USA

1:10 - 1:35pm        **Reshma TANEJA**  
National University of Singapore, Singapore

1:35 - 2:00pm        **Han-Ming SHEN**  
National University of Singapore, Singapore

2:00 - 2:25pm        **Thai TRAN**  
National University of Singapore, Singapore

2:25 - 2:55pm        *Short talk 2 and 3*

2:55 - 4:25pm        *Tea Break + Poster Session*

4:25 - 4:50pm        **Christine CHEUNG**  
Nanyang Technological University, Singapore

4:50 - 5:15pm        **Veronique ANGELI**  
National University of Singapore, Singapore

5:15 - 5:40pm      **Herbert SCHWARZ**  
National University of Singapore, Singapore

6:00 - 9:30pm      *Dinner (by invitation only)*

## **25 September 2019, Wednesday**

### **Day 2: Biology of Aging and Aging-related Chronic Diseases**

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8:30 - 9:00am      *Registration*

#### **SESSION 3: Biology of Aging**

9:00 - 9:45am      **James KIRKLAND**  
Keynote: Senolytics  
Mayo Clinic, USA

9:45 - 10:10am      **Heinrich JASPER**  
Genentech, USA

10:10 - 10:40am      *Tea Break*

10:40 - 11:05am      **Tong-Wey KOH**  
Temasek Life Sciences Laboratory, Singapore

11:05 - 11:30am      **Andrew S. YOO**  
Washington University School of Medicine, USA

11:30 - 12:30pm      Women in Science  
Panel Discussion: Challenges and Opportunities

12:30 - 1:30pm      *Lunch*

#### **SESSION 4: Aging-related Chronic Diseases**

1:30 - 1:55pm      **Brian KENNEDY**  
National University of Singapore, Singapore

1:55 - 2:20pm      **Joan B. MANNICK**  
ResTORbio, USA

2:20 - 2:45pm      **Woon Puay KOH**  
Duke-NUS Medical School, Singapore

2:45 - 3:10pm      **Tze Pin NG**  
National University of Singapore, Singapore

3:10 - 3:40pm      *Short talk 4 and 5*

3:40 - 4:10pm      *Tea Break*

- 4:10 - 5:30pm      **(Tentative) Panel Discussion with Policy-makers**  
*Leaders of Panel Discussion:*  
Felipe Sierra  
James Kirkland  
Brian Kennedy  
Participants to be confirmed
- 6:00 - 9:30pm      *Dinner (by invitation only)*

## **26 September 2019, Thursday**

### **Day 3: Active Aging**

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8:30 - 9:00am      *Registration*

#### **SESSION 5: Active Aging**

- 9:00 - 9:45am      **Charlotte PETERSON**  
Keynote: Muscle aging  
University of Kentucky, USA
- 9:45 - 10:10am      **Jorge RUAS**  
Karolinska Institute, Sweden
- 10:10 - 10:40am      *Tea Break*
- 10:40 - 11:05am      **Fabian LIM**  
Nanyang Technological University, Singapore
- 11:05 - 11:30am      **Thiruma Valavan ARUMUGAM**  
National University of Singapore, Singapore
- 11:30 - 11:55am      **Shih-Yin TSAI**  
National University of Singapore, Singapore
- 11:55 - 12:15pm      *Closing Remarks and Prize Presentation*