



# ***Workshop on Active Ageing – Living longer and healthier in an ageing world***

## ***Programme***

***Wednesday 20 September, at 18.00***

Welcome reception in the [Nobel Museum](#) in Stockholm old town

***Thursday 21 September***

*Venue*

Nobel Forum, Nobels väg 1, Karolinska Institutet Campus in Solna, Stockholm. 

[Map of the venues](#) [Presentation of speakers](#)

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**08.15-08.50**      **Registration and coffee**

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**08.50**      **All participants seated and awaiting the arrival of the Queen of Sweden**

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### **Opening**

**Chair: Maria Masucci**, Professor, Deputy Vice-Chancellor for International Affairs, KI

**09.00-09.30**

Welcoming by the University leaders:

- **Ole Petter Ottersen**, Professor, Vice-Chancellor Karolinska Institutet
- **Sigbritt Karlsson**, Professor, President KTH Royal Institute of Technology
- **Astrid Söderbergh Widding**, Professor, Vice-Chancellor Stockholm University
- **Mamoru Mitsubishi**, Professor, Executive Director and Vice President, The University of Tokyo

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Inaugural speech by **HM Queen Silvia**, The Queen of Sweden

Speech by **HE Jun Yamazaki**, Ambassador of Japan to Sweden

Introduction to Nobel Forum by **Thomas Perlmann**, Professor, Secretary of the Nobel Assembly

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### Relevance and frame of the topic

**Chair: Junichiro Shiomi**, Professor, School of Engineering, UT

**Naoto Sekimura**, Professor, Vice President, UT  
*Strategic partnership, Four Universities together for a better world*

09.30-10.00

**Livia Sz. Oláh**, Assoc. Professor, Department of Sociology, SU  
*Sweden and Japan in an ageing world*

**Laura Fratiglioni**, Professor, Aging Research Center (ARC) KI  
*Healthy ageing: mission impossible?*

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10.00-10.30

### Short break and group photo

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### Towards a healthier ageing: Biophysical approach

#### Chairs:

- **Shu Takagi**, Professor, School of Engineering, UT
- **Erik Lindahl**, Professor, Department of Computational Biophysics, KTH

10.30-12.15

#### 10.30-11.30 - Main lectures

- **Mamoru Mitsuishi**, Professor, Executive Director & Vice President, UT  
*Anticipating the Future of Medical Robotics*
- **Iлона Koupil**, Professor, Centre for Health Equity Studies, SU  
*Early life determinants of healthy ageing*

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**11.30-12.15 - Discussion**

- **Ung-il Chung/Yuichi Tei**, Professor, School of Engineering & School of Medicine, UT  
*Personalized medicine using voice analysis and health data*
- **Nancy Pedersen**, Professor, Department of Medical Epidemiology and Biostatistics, KI  
Interplay of genes and environment in aging
- **Hedvig Kjellström**, Professor, Department of Robotics, Perception and Learning, KTH  
*Artificial Intelligence in Healthcare*

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**12.15-13.15**      **Break with lunch**

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**Presentation of the Japan Society for the Promotion of Science (JSPS)**

**13.15-13.25**  
**Tadaharu Tsumoto**, Director, JSPS Stockholm Office

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**Personalized medicine: Biomedical approach**

**Chairs:**

- **Haruhiko Bito**, Professor, School of Medicine, UT
- **Bengt Winblad**, Professor, Department of Neurobiology, Care Sciences and Society (NVS), KI

**13.30-14.30 - Main lectures**

**13.30-15.15**

- **Takeshi Iwatsubo**, Professor, School of Medicine, UT  
*Alzheimer's disease: from molecular pathology to prevention*
- **Joakim Lundeberg**, Professor, Science For Life Laboratory (SciLifeLab), KTH  
*Genomic strategies for personalized medicine*

**14.30-15.15 - Discussion**

- **Taisuke Tomita**, Professor, School of Pharmaceutical Science, UT  
*What's new about beta amyloid?*
- **Bengt Winblad**, Professor, Department of Neurobiology, Care Sciences and Society (NVS), KI  
*New treatments for neurodegeneration*
- **Torbjörn Åkerstedt**, Senior Professor, Stockholm Stress Center, SU

*Aging – is it really related to fatigue and poor sleep*

15.15-15.30 Break

### Health promotion and prevention: Social sciences approach

#### Chairs:

- **Håkan Fischer**, Professor, Department of Psychology, SU
- **Atsushi Hiyama**, Lecturer, Research Center for Advanced Science and Technology, UT

#### 15.30-16.30 - Main lectures

15.30-17.15

- **Katsuya Iijima**, Professor, Institute of Gerontology, UT  
*'Action Research' to Re-design Aging Community -Comprehensive Approach from 'Frailty Prevention'*
- **Francesca Mangialasche**, Researcher, Department of Neurobiology, Care Sciences and Society (NVS), KI  
*Intervention studies for a healthier ageing*

#### 16.30-17.15 - Discussion

- **Hui Xin Wang**, Professor, Stress Research Institute, SU  
*Life long prevention of dementia*
- **Hugo Westerlund**, Professor, Stress Research Institute, SU  
*Healthy and Productive Work in Later Life*
- **Britt Östlund**, Professor, Department of Health Systems Engineering, KTH  
*Digitizing later life*

**Conclusions of day one and information about evening & coming day**

17.15-17.30

**Reception hosted by the Stockholm office of the Japan Society for the Promotion of Science (JSPS). Venue: Nobel Forum**



***Friday 22 September***

09.00-12.00		Group Discussions	
Group	Coordinator	Participants	Venue
<b>Towards healthier ageing: Biophysical approach</b>	<b>Erik Lindahl</b> , Professor, SciLifeLab, KTH <b>Shu Takagi</b> , Professor, School of Engineering, UT	At least two participants for each of the four Universities. Hideaki Fujitani, UTokyo TBC from RCAST Satoshi Ii, Osaka Univ Takashi Azuma, UTokyo  9.00-10.30: Each university presents in 10 minutes possible collaborations starting from own research lines 10.30-11.00: Coffee 11.00-12.00 Discussion and summary	<b>SciLifeLab</b> , Tomtebodav.23A

<p><b>Personalized medicine: Biomedical approach</b></p>	<p><b>Davide Vetrano,</b> Researcher, Ageing Research Center (ARC) KI</p>	<p>At least two participants for each of the four Universities. Medical School, UT 9.00-10.30: Each university presents in 10 minutes possible collaborations starting from own research lines 10.30-11.00: Coffee 11.00-12.00: Discussion and summary</p>	<p><b>ARC,</b> Gävlegatan 16</p>
<p><b>Health promotion and prevention: Social sciences approach</b></p>	<p><b>Håkan Fischer,</b> Professor, Department of Psychology, SU  <b>Yuto Kitamura,</b> Associate Professor, Graduate School of Education, UT</p>	<p>9.00-10.30: Each university presents in 10 minutes possible collaborations starting from own research lines 10.30-11.00: Coffee 11.00-12.00: Discussion and summary</p>	<p><b>ARC,</b> Gävlegatan 16</p>
<p><b>12.00-13.30 Light lunch at Nobel Forum</b></p>			
<p><b>13.30-14.30 Reports from the discussions and future activities (Nobel Forum) Chair: Peter Gudmundson, Professor, Department of Solid Mechanics, KTH</b></p>			
<p><b>15.00 Cultural event - visit to the <a href="#">Vasa museum</a></b></p>			