

# PROGRAMME

## IARU WORKSHOP ON “AGEING, LONGEVITY AND HEALTH”

4-6 October 2006  
Copenhagen, Denmark

Organised by

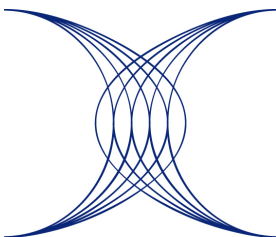
The University of Copenhagen, Faculty of Health Sciences

in cooperation with

Peking University, Institute of Population Research

Venue:

University of Copenhagen  
Center for Sundhed og Samfund (CSS)  
Øster Farimagsgade 5  
1353 Copenhagen K  
Denmark



INTERNATIONAL ALLIANCE OF  
RESEARCH UNIVERSITIES

# Workshop on Ageing, Longevity and Health

## Programme From 4 to 6 October 2006

### Wednesday, 4 October

<b>8.30 a.m. – 4.45 p.m.</b>	<b>Satellite Symposium on Neurodegeneration and Ageing</b>
From 8.00	Registration
8.30 – 8.40	Welcome speech By Birgitte Nauntofte, Vice Dean of the Faculty of Health Sciences, University of Copenhagen
8.40 – 8.50	Setting the scene: <i>Ageing, Future Opportunities</i> By Marianne Schroll, University of Copenhagen
8.50 – 9.00	Introduction to workshop, <i>Ageing Mechanisms</i> By Vilhelm Bohr, National Institute of Health, USA
	<b>Session I</b> <b>Chair: Olaf Paulson</b>
9.00 -9.30	<i>Stroke Research, the Importance of Acute Treatment in Young and Old Alike</i> by Alastair Buchan, Oxford University Including a 5 min. discussion
9.30 – 10.00	<i>Astrogliosis - Causing Structural Changes in Ageing Brain</i> by Albert C.H. Yu, Peking University Including a 5 min. discussion
10.00 – 10.25	<i>Ageing and Inflammation - the Role of Skeletal Muscle</i> by Bente Klarlund Pedersen, University of Copenhagen Including a 5 min. discussion
10.25 - 11.00	<i>Coffee break</i>
	<b>Session II</b> <b>Chair: Martin Lauritzen</b>
11.00 – 11.20	<i>Challenges in Clinical Dementia Research</i> by Gunhild Waldemar, University of Copenhagen Including a 5 min. discussion
11.20 – 11.40	<i>Molecular Imaging in Early Alzheimers Disease</i> by Gitte Moos Knudsen, University of Copenhagen Including a 5 min. discussion
11.40 – 12.00	<i>Neuroimaging of the Ageing Brain</i> by Egill Rostrup, University of Copenhagen Including a 5 min. discussion
12.00 – 1.15	<i>Lunch</i>
	<b>Session III</b> <b>Chair: Vilhelm Bohr</b>
1.15 – 1.45	<i>Neuroscience at the National University of Singapore</i> by Barry Halliwell, National University of Singapore Including a 5 min. discussion
1.45 – 2.05	<i>The Ageing Intellect - Decline in Cognitive Functioning from 50 to 90</i> by Erik Lykke Mortensen, Univ. of Cph. Including a 5 min. discussion
2.05 – 2.25	<i>Structural Changes in the Human Brain as a Function of Age</i> by Bente Pakkenberg, University of Copenhagen Including a 5 min. discussion
2.25 – 2.45	<i>Energy Requirements of Signalling in Cerebral Gray Matter</i> by Martin Lauritzen, University of Copenhagen Including a 5 min. discussion
2.45 – 3.15	<i>Coffee break</i>
	<b>Session IV</b> <b>Chair: Marianne Schroll</b>
3.15 – 3.35	<i>Neurodegeneration and Ageing in Twins and the Oldest-Old</i> by Kaare Christensen, University of Southern Denmark Including a 5 min. discussion
3.35 – 3.55	<i>Genomic Damage and Instability in Ageing and Neurodegeneration</i> by Vilhelm Bohr, National Inst. of Health, USA Including a 5 min. discussion
3.55 – 4.45	Panel and general discussion Bohr, Lauritzen, Moos, Christensen, and others
<b>7.00 –10.00</b>	<b>Gala Dinner</b>

**Thursday, 5 October**

<b>8.30 a.m. – 5.00 p.m.</b>	<b>Workshop</b>	
From 8.00	Registration	
8.45 – 9.00	<p>Opening speech By Ralf Hemmingsen, Rector, University of Copenhagen</p> <p>Greeting letter from the President of Peking University (read by Professor Xiaoying Zheng)</p>	
	Opening sessions: Chair Kirsten Avlund, University of Copenhagen	
9.00 – 9.30	<p>Key note speech: <i>Population and Health of an Ageing Society in China</i> By Xiaoying Zheng, Peking University</p>	
9.30 – 10.00	<p>Key note speech: <i>The Plasticity of the Ageing Processes</i> By Kaare Christensen, University of Southern Denmark/University of Copenhagen</p>	
10.00 – 10.30	<i>Coffee break</i>	
10.30 – 11.00	<p>Key note speech: <i>The Basic Studies on Ageing in Peking University</i> By Wengong Wang, Peking University</p>	
11.00 – 11.40	<p>Key note speech: <i>Successful Ageing. Utopia or a Realistic Target</i> By Marianne Schroll, University of Copenhagen</p>	
11.40 – 12.10	<p>Key note speech: <i>Developing an Agenda for Researching Global and Societal Ageing</i> By Sarah Harper, Oxford University</p>	
12.10 – 1.30	<i>Lunch</i>	
	<b>1<sup>st</sup> Workshop session</b>	
1.30 – 3.00	<p><u>Track A: Life Course and the Ageing process</u></p> <p><u>Chair:</u> Rikke Lund, University of Copenhagen (UC) <u>Rapporteur:</u> Kirsten Avlund, UC</p> <p><u>Contributors:</u> <i>Epidemiological Challenges in the Study of Life Course Mechanisms</i> By Finn Diderichsen, UC</p> <p><i>The Influence of Social Factors Over the Life Course on the Ageing Process</i> By Bjørn Holstein, UC</p>	<p><u>Track B: Health Care and Social Care System</u> <i>Research Challenges: Changes in the Health and Social Care Systems</i></p> <p><u>Chair:</u> Allan Krasnik, UC <u>Rapporteur:</u> Susan Whyte, UC</p> <p><u>Contributors:</u> <i>China Health System Reform – Some Implications for Ageing</i> By Chengli Huang, Peking University (PKU)</p> <p><i>Ageing and Health Policy. A comparative Study of Policies Addressing Ageing and Health in Selected Countries</i> By Karsten Vrangbæk, UC</p> <p><i>Integrated Care. The Vision and the Challenge</i> By Martin Strandberg-Larsen, UC</p>
3.00 – 3.30	<i>Coffee break</i>	

**Thursday, 5 October - continuation**

**2<sup>nd</sup> Workshop session**

3.30 – 5.00

Track A: Life Course and the Ageing process  
*Presentation of Data for Collaborative Research*

Chair: Kirsten Avlund, UC  
Rapporteur: Bjørn Holstein, UC

Contributors:  
*Data bases from Ageing Research at Peking University*  
By Lihua Pang, PKU

*Learning to Age Well from Longitudinal Studies of Ageing*  
By Kaarin Anstey, Australian National University (ANU)

*The Metropolit Study*  
By Merete Osler, UC

*The Copenhagen Perinatal Cohort Study*  
By Erik Lykke Mortensen, UC

*The Danish Longitudinal Study on Work, Unemployment and Health*  
By Rikke Lund, UC

*The Glostrup Ageing Studies*  
By Kirsten Avlund, UC

Track B: Health Care and Social Care System  
*Health Promotion and Primary Prevention of Disabilities*

Chair: Xiaoying Zheng, PKU  
Rapporteur: Allan Krasnik, UC

Contributors:  
*Elder's Perspective in China National Health Survey*  
By Bin Cui, PKU

*Becoming a Nursing Home Resident*  
By Jens Kofod, UC

*The Dynamics of Organizational Interventions. Results from a Cluster-randomized, Controlled Trial in 36 Danish Municipalities*  
By Kirsten Schultz-Larsen, UC

**6.00. – 7.00**      **Guided tour of the Royal Library (price EURO 5)**

**7.00 -**              **Dinner at Restaurant Søren K at the Royal Library (price EURO 45)**

**Friday, 6 October 2006**

<b>8.30 a.m. – 4.00 p.m.</b>	<b>Workshop</b>	
	<b>3<sup>rd</sup> Workshop session</b>	
8.30 - 10.00	<p><u>Track A: Life Course and the Ageing Process</u> <i>Social Factors and the Ageing Process</i></p> <p><u>Chair:</u> Merete Osler, UC <u>Rapporteur:</u> Finn Diderichsen, UC</p> <p><u>Contributors:</u> <i>Causes and Determinants of Population Ageing, Active Health Expectancy and Disability-free Health Expectancy</i> By Chunguang Cai, PKU</p> <p><i>Do Social Circumstances in Adulthood Influence the Effect of Early Life Factors on Indicators of Ageing in Midlife?</i> By Merete Osler, UC</p> <p><i>Changes in Cohabitation Status in Young Adulthood and Indicators of Ageing in Midlife</i> By Rikke Lund and Ulla Christensen, UC</p> <p><i>Social Indicators of Early Signs of the Ageing Process in Older Populations</i> By Kirsten Avlund, UC</p>	<p><u>Track B: Health Care and Social Care System</u> <i>Living with Chronic Diseases and Disability</i></p> <p><u>Chair:</u> Susan Whyte, UC <u>Rapporteur:</u> Kirsten Schultz-Larsen, UC</p> <p><u>Contributors:</u> <i>Disability and Long-Term Care for the Elderly: A Case Study in Urban Beijing</i> By Bin Cui, PKU</p> <p><i>Prevention and Rehabilitation – Collaboration between Primary Health Care and Hospital</i> By Carsten Hendriksen, UC</p> <p><i>Living with Diabetes in China</i> By Mikkel Bunkenborg, UC</p> <p><i>Studies of Chronic Disease, Functional Status and Health Care of the Elderly in the Singapore Ageing Cohort Study</i> By Niti M Matthew, National University of Singapore (NUS)</p>
10.00 – 10.30	<i>Coffee break</i>	
	<b>4<sup>th</sup> Workshop session</b>	
10.30 – 12.00	<p><u>Track A: Life Course and the Ageing Process</u> <i>Cognition and the Ageing Process</i></p> <p><u>Chairs:</u> Erik Lykke Mortensen / Gunhild Waldemar, UC <u>Rapporteur:</u> Bjørn Holstein, UC</p> <p><u>Contributors:</u> <i>Studies of Cognitive Functioning and Impairment of Older Adults in the Singapore Ageing Cohort Study</i> By Ng Tze Pin, NUS</p> <p><i>The Glostrup 1914-cohort: Studies of Cognition and Ageing</i> By Erik Lykke Mortensen, UC</p> <p><i>Age-related Changes in the Brain as Seen in MRI</i> Ellen Garde, University College London/UC</p> <p><i>Cognitive Functions in Early Alzheimer's Disease</i> By Asmus Vogel, UC</p>	<p><u>Track B: Demographic Research.</u></p> <p><u>Chair:</u> Niels Keiding, UC <u>Rapporteur:</u> Mogens Steffensen, UC</p> <p><u>Contributors:</u> <i>Survivor Selection</i> By James Vaupel, Max Planck Institute for Demographic Research/UC</p> <p><i>Ageing and Epidemiology Transitions in China</i> By Lihua Pang, PKU</p> <p><i>Mortality in Denmark</i> By Elsebeth Lyng, UC</p>
12.00. – 1.00	<i>Lunch</i>	

**Friday, 6 October 2006 - continuation**

<b>5<sup>th</sup> Workshop session</b>	
1.00 – 2.30	<p><u>Track A: Life Course and the Ageing Process</u> <i>Biological Factors and the Ageing Process</i></p> <p><u>Chair:</u> Peter Schwarz, UC <u>Rapporteur:</u> Finn Diderichsen, UC</p> <p><u>Contributors:</u> <i>AUF1 Regulates Replicative Senescence through Mediating p16 mRNA Turnover</i> By Wengong Wang, PKU</p> <p><i>Cellular Signalling in Bone - Changes during Ageing and Bone Diseases</i> By Niklas R. Jørgensen, UC</p> <p><i>Biological Determinants on Ageing in Singaporean Chinese Men and Women</i> By Victor Goh Hng Hang, NUS</p> <p><i>The Role of Key Cytokines during Ageing</i> By Helle Bruunsgaard, UC</p>
	<p><u>Track B : Economic Research</u></p> <p><u>Chair:</u> Mogens Steffensen, UC <u>Rapporteur:</u> Niels Keiding, UC</p> <p><u>Contributors:</u> <i>The Effect of Population Aging on Health Expenditure and Long-Term Care in China</i> By Chengli Huang, PKU</p> <p><i>What is the Optimal Financial Protection against Health and Death Risk?</i> By Mogens Steffensen, UC</p>
2.30 – 2.45	<i>Coffee break</i>
2.45 – 3.45	<p>Summing up: <i>Prospects for Future Collaboration</i> Finn Diderichsen, Bjørn Holstein, Niels Keiding, Mogens Steffensen, and others</p>
3.45 – 4.00	<p>Closing speech By Dr. Ulla Wewer, Dean of the Faculty of Health Sciences, University of Copenhagen</p>

27.09.2006

## **Workshop on Ageing, Longevity and Health**

### Steering Committee for the programme on 4 October 2006

Vilhelm Bohr, National Institute of Health, USA  
Martin Lauritzen, Research Priority Area “Body and Mind”, University of Copenhagen

### Danish Steering Committee for the programme on 5 to 6 October 2006

Kirsten Avlund (chairman), Institute of Public Health, University of Copenhagen  
Ib Bygbjerg, Institute of Public Health, University of Copenhagen  
Palle Holmstrup, Institute of Odontology, University of Copenhagen  
Niels Keiding, Department for Biostatistics, University of Copenhagen  
Milena Penkowa, Department for Medical Anatomy, University of Copenhagen  
Peter Schwarz, Department for Internal Medicine, University of Copenhagen  
Mogens Steffensen, Department for Mathematical Sciences, University of Copenhagen  
Gunhild Waldemar, Department for Neurology and Psychiatry, University of Copenhagen

### Chinese Steering Committee for the programme on 5 to 6 October 2006

Xiaoying Zheng (co-chairman), Institute of Population Research, Peking University  
Wengong Wang, Ageing Study Center, Peking University  
Pang Lihua, Institute of Population Research, Peking University