

## **Biomarkers for Demographic Research - 1st European meeting of the Biomarker Network**

31st August 2016, Johannes Gutenberg University, Mainz / Germany

Organized by the Center for Population and Health, Marburg / Germany

09:55 -10:00 Arrivals and Opening

10:00 – 11:00            Session 1: Lifespan and Mortality I

**10:00 Keynote Speaker:**

**Prof. Dr. Matthias Greiner;** University of Veterinary Medicine, Hannover/ Germany;  
Federal Institute for Risk Assessment, Berlin/Germany:  
*“Environmental and dietary exposure and demographic change”*

10:30 **Hannes Kröger, Prof. Rasmus Hoffmann PhD;** European University Institute,  
Florence/Italy:  
*“The Association of CVD related Biomarkers and Mortality – Functional Form and Risk Profiles”*

10:45 **Dmitri A. Jdanov MD;** Max Planck Institute for Demographic Research, Rostock / Germany;  
New Economic School Moscow/Russia, **Prof. Maria A. Shkolnikova MD PhD;** Federal  
Arrhythmia Centre, Moscow Institute of Pediatrics and Surgery, Moscow/Russia, **Vladimir  
M. Shkolnikov PhD;** Max Planck Institute for Demographic Research, Rostock/Germany;  
Federal Arrhythmia Centre, Moscow Institute of Pediatrics and Surgery, Moscow Russia:  
*“Biomarkers of Excess Mortality in the Study of Stress, Aging and Health in Russia and  
related Databases”*

Break 11:00 -11:15

11:15 – 12:30            Session 2: New Methods and Approaches

**11:15 Keynote Speaker:**

**Prof. Dr. Dr. Karin Michels;** Institute for Prevention and Tumor Epidemiology, Medical  
School, Albert-Ludwigs-University Freiburg/Germany  
*“The Role of Epigenetics in Population-based Studies”*

11:45 **Amy-Jane McKnight PhD;** Centre for Public Health, Queen’s University of Belfast/UK  
*“Genetic-Epigenetic-Transcriptomic Biomarkers Associated with Increased Fruit and  
Vegetable Intake: Outcomes from a Pilot Randomized Controlled Trial”*

12:00 **Prof. Robert Whelan PhD;** Trinity College Dublin / Ireland  
*“Big data neuroscience markers in population based studies”*

12:15 **Prof. Axel Börsch-Supan PhD, Dr. Luzia Weiss, Sabine Friedel, Martina Börsch-Supan  
PhD;** Max-Planck-Institute for Social Law and Social Policy, München/Germany  
*“Collection of Dried Blood Spots in SHARE”*

Lunch Break 12:30 -13:15

13:15 – 14:15            Session 3: Lifespan and Mortality II

**13:15 Keynote Speaker:**

**Prof. Dr. Heiner Boeing;** German Institute of Human Nutrition Research, Potsdam-Rehbrücke/Germany:

*“Exposome Status as Predictor for Longevity and Specific Mortality”*

13:45 **Anna Oksuzyan MD PhD;** Max Planck Institute for Demographic Research, Rostock/Germany; Department of Epidemiology, Biostatistics and Biodemography, University of Southern Denmark, Odense/Denmark, **Prof. Maria Shkolnikova MD, PhD;** Max Planck Institute for Demographic Research, Rostock/Germany; Department of Epidemiology, Biostatistics, and Biodemography, University of Southern Denmark, Odense/Denmark; **Vladimir M. Shkolnikov PhD;** Max Planck Institute for Demographic Research, Rostock/Germany, New Economic School, Moscow, Russian Federation, **Prof. James W. Vaupel PhD;** Max Planck Institute for Demographic Research, Rostock, Max-Planck Odense Center on the Biodemography of Aging, Odense/Denmark, **Prof. Kaare Christensen MD PhD;** Department of Epidemiology, Biostatistics and Biodemography, University of Southern Denmark, Odense/Denmark, Max-Planck Odense Center on the Biodemography of Aging, Odense/Denmark, Department of Clinical Genetics, Odense University Hospital, Odense/Denmark, Department of Clinical Biochemistry and Pharmacology, Odense University Hospital, Odense / Denmark:

*“Sex Differences in Biological Markers of Health and Mortality in the Study of Stress, Aging and Health in Russia”*

14:00 **PD Dr. Margot Muetsch, Dr. Matthias Bopp, Dr. Sabine Rohrmann, Prof. Dr. Milo Puhani;** Epidemiology Biostatistics and Prevention Institute, University of Zurich, Switzerland:

*“Lifespan and Mortality as outcomes of a planned population-based cohort in Switzerland”*

Break 14:15 – 14:30

14:30- 15:30            Session 4: Lifespan and Mortality III

**14:30 Keynote Speaker:**

**Prof. David Rehkopf DSc;** School of Medicine, Stanford University, Palo Alto, CA/USA:

*“Telomere Length as a Predictor for Longevity and Specific Mortality - a Critical Appraisal of the State of Knowledge”*

15:00 **Prof. Dr. Dr. Ulrich Mueller, Dr. Ronny Westerman;** Competence Center Mortality-Follow-Up, NAKO Health Study, Federal Institute for Population Research, Wiesbaden/ Germany, **Prof. Allan Mazur PhD;** Syracuse University, Syracuse, NY/ USA:

*“Tallness as Predictor of Longevity and Specific Mortality in 3 Classes (1949, 1950, 1951) of US Military Academy in West Point Graduates”*

15:15 **Dr. Andrea Werdecker, Prof. Dr. Dr. Ulrich Mueller;** Competence Center Mortality-Follow-Up, NAKO Health Study, Federal Institute for Population Research, Wiesbaden/Germany:

*“Diabetes Biomarkers as Predictors of Survival in a Managed Care T2 Diabetes Cohort”*

Break 15:30 -15:45

15:45 -16:30            Session 5: Fertility and Health

**15:45 Keynote Speaker**

**Prof. Melinda Mills PhD;** Nuffield College Oxford University, Oxford/UK:

*“Genetics of Assortative Mating and Fertility on Health”*

16:15 **Dr. Ronny Westerman;** Competence Center Mortality-Follow-Up, NAKO Health Study,  
Federal Institute for Population Research, Wiesbaden/Germany:

*“Sperm Counts and other Infertility Biomarkers of Health”*

16:30 -16:45 General Discussion, Closing and Farewell