

Thursday, 18 September

**Moderation Ralf Jox (LMU München)**

09:00 – 09:45

Dik Habbema  
Public Health, Erasmus Medical Center Rotterdam (NL)

**Prediction, Values and Choice in Prevention and in Clinical Medicine**

09:45 – 10:30

Heiner Fangerau  
Medical History & Ethics, Universität Ulm (DE)

**Minors, Misunderstandings and Misuse: Predictive Diagnostic Testing for Late Onset Neurological Diseases**

10:30 – 11:00

Break

11:00 – 11:45

Stefen Flessa  
Health Care Management, Ernst-Moritz-Arndt-Universität Greifswald (DE)

**Aids, Malaria, Diabetes and Cervical Cancer: Predicting the Cost of Diseases in Resource-Poor Countries**

11:45 – 12:30

Reiner Leidl  
Health Economics, Ludwig-Maximilians-Universität München (DE)

**A Health Economic View upon Strategies of Individualized Prevention**

12:30 – 14:00

Lunch

14:00 – 14:45

John Stuart Gordon  
Anthropology & Ethics in Rehabilitation Sciences, Universität zu Köln (DE)

**On the Nature of the Right Not to Know**

14:45 – 15:30

Mariacarla Gadebusch Bondio  
Medical History & Ethics, Technische Universität München (DE)

**“Beyond the Causes of Disease”: The Prediction and Need for a new Philosophy of Medicine**



**Moderation:**

Hans Förstl (Munich)

Martin Halle (Munich)

Ingo Herrmann (Düsseldorf)

Ralf Jox (Munich)

Karin Zachmann (Munich)

**Venue**

Carl Friedrich von Siemens Stiftung  
Schloss Nymphenburg  
Südliches Schloßrondell 23  
D-80638 München

**Continuing Medical Education (CME)**

The congress has received CME accreditation.  
The following amounts of CME-Points are credited to participants:  
16.9.: 9 Points / 17.9.: 6 Points / 18.9.: 6 Points

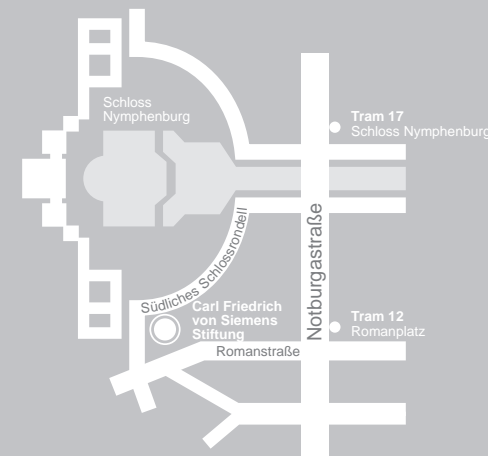
**Contact & Registration**

matthias.guth@tum.de  
Matthias Guth (TUM)  
Participation in the general program is free of charge.  
You should register no later than September 10th.

**Concept & Organization**

Mariacarla Gadebusch Bondio  
Director of the Institute for History and Ethics of Medicine (TUM)

Funded by the German Research Foundation (DFG) and the Carl Friedrich von Siemens Foundation.  
We thank TEVA and the Alumni Club of the Medical Faculty (TUM) for their support.



21  
POINTS  
CME

DFG Deutsche Forschungsgemeinschaft



TUM Alumni-Club Medizin

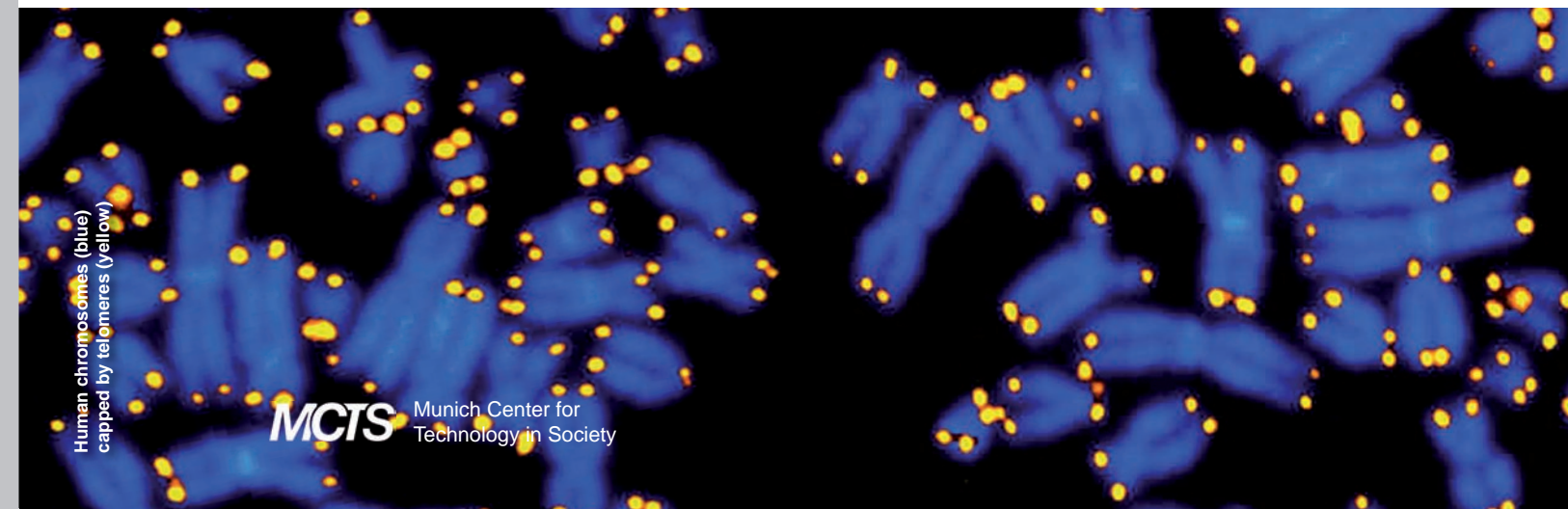


Klinikum rechts der Isar  
Technische Universität München



# Prediction and Prognosis – Future Knowledge in Medicine International Symposium

Munich  
September 16–18, 2014



Human chromosomes (blue)  
capped by telomeres (yellow)

MCTS Munich Center for  
Technology in Society



# PROGRAM

Tuesday, 16 September

Wednesday, 17 September

The subject of the international symposium is the anticipatory dimension of medicine and its epistemic, ethical and cultural implications.

Rapid developments in molecular genetics and the emergence of the so-called ‘omics’ areas of biomedicine are underpinned by fragile knowledge based on probability.

The importance of the time factor in medicine is increasing. Information on predispositions to disease has altered our understanding of health, not only for the sick, but also for those who are (still) healthy: health has become a permanently endangered commodity. This also affects the provision of personalized preventative measures. The feelings of existential insecurity which accompany the knowledge of genetically determined health risks demand increased accountability in medical practice and service provision. For mutation carriers, the ‘virtual sick’, or those already sick, being informed impinges upon their personal lives, and questions of length and quality of life. Can the person affected be reasonably expected to deal with uncertain information? How autonomously can decisions of such vital importance be made on the basis of probable information?

The objective of the symposium is to stimulate discussion within medicine, as well as between medicine and bioethics, theory of science, health economics, and the arts.

Mariacarla Gadebusch Bondio

09:00 – 09:30

## Welcome Address and Introduction

R. Gradinger (Klinikum re. d. Isar/TUM),  
P. Henningsen (Klinikum re. d. Isar/TUM),  
S. Maasen (MCTS),  
M. Gadebusch Bondio (Klinikum re. d. Isar/TUM)

## Moderation Karin Zachmann (TUM)

09:30 – 10:15

Peter Conrad  
Medical Sociology, Brandeis University Waltham/Boston,  
Massachusetts (USA)

## Anticipatory Medicalization: Predispositions, Prognosis and Proto-Diseases

10:15 – 11:00

Olga Golubnitschaja  
European Association for Predictive, Preventive and  
Personalized Medicine/Radiology, Universität Bonn (DE)

## The Paradigm Shift from Reactive to Predictive, Preventive and Personalised Medicine: Who is the Beneficiary?

11:00 – 11:30

Break

11:30 – 12:15

Giovanni Boniolo  
Biomedical Humanities,  
European Institute of Oncology, Milan (IT)

## Disease and Disease Susceptibility in the Age of Molecular Medicine: Ethical and Epidemiological Problems

12:15 – 13:00

Christoph Rehmann-Sutter  
Theory & Ethics of Biosciences, Universität Lübeck (DE)

## Prediction or Prognosis? The Integration of Future-related Genetic Information into Present Life-Worlds

13:00 – 14:30

Lunch

## Moderation Martin Halle (Klinikum re. d. Isar /TUM)

14:30 – 15:15

Xian-Ning Zhang  
Cell Biology & Medical Genetics,  
Zhejiang University (CN)

## Urgent Need for the Chinese Patients and their Families with Genetic Disorders: A Call for Action on Predictive Medicine

15:15 – 16:00

Elke Holinski-Feder  
Medizinisch Genetisches Zentrum München (MGZ)  
Medical Genetics, Ludwig-Maximilians-Universität  
München (DE)

## Incidental Findings in Genetic Testing

16:00 – 16:30

Break

16:30 – 17:15

Manfred Schmitt  
Obstetrics & Gynecology, Klinikum re. d. Isar /TUM (DE)

## To treat or not to treat. Cancer Biomarkers as Molecular Tools to Address Women’s Health and Needs

17:15 – 18:00

Georg Schmidt  
Cardiology, Klinikum re. d. Isar /TUM (DE)

## Prediction of Outcome in Cardiac Patients

18:00 – 18:45

Karl-Heinz Leven  
Medical History & Ethics, Universität Erlangen (DE)

## “Declare the Past, Diagnose the Present, Foretell the Future“ – Prognostics in Ancient Medicine

19:30

Speakers’ Dinner

## Moderation Hans Förstl (Klinikum re. d. Isar /TUM)

09:00 – 09:45

Harald Hampel  
AXA Research Fund & UPMC Chair,  
Pierre and Marie Curie University  
Brain and Spine Institute/Institute for Memory and  
Alzheimer’s Disease Paris (FRA)

## Early Detection, Prediction and Prognosis of Alzheimer’s Disease

09:45 – 10:30

Stefan Lichtenthaler  
German Center for Neurodegenerative Diseases/  
Neuroproteomics, Technische Universität München (DE)

## Neuroproteomics: Application Towards Personalized Medicine Approaches in Alzheimer’s Disease

10:30 – 11:00

Break

11:00 – 11:45

Jens Wiltfang  
Psychiatry & Psychotherapy,  
Universitätsmedizin Göttingen (DE)

## Predictive Molecular Diagnosis of Alzheimer’s Dementia: Towards new Clinical Models for Preventive Treatment

11:45 – 12:30

Konrad Ott  
Environmental Ethics, Christian-Albrechts-Universität  
zu Kiel (DE)

## Individual Risk and Societal Solidarity within Personalized Medicine

12:30 – 14:00

Lunch

## Moderation Ingo F. Herrmann (Düsseldorf)

14:00 – 14:45

Helmut Ostermann  
Oncology/Hematology,  
Ludwig-Maximilians-Universität München (DE)

## Prediction of Severe Treatment-related Side Effects in Cancer Patients – A Medical and Ethical Challenge

14:45 – 15:30

Robert Hess/Johannes Huber  
CEO, Salvagen s.l. Frankfurt (DE)/Obstetrics  
& Gynecology Vienna (AT)

## The Three Dimensions of the Genetic Code and Their Relevance for The Prevention of Ageing

16:00

Transfer to Bad Endorf

Atelier Tesche-Mentzen

18:00

‘Musical Banquet’

## Time, Liberty, and Care – The Destiny of Music

Roberto Poma, History & Philosophy of Medicine/ Tenor  
Université Paris-Est Créteil (FRA)  
Amadeus Wiesensee, Pianist, Hochschule für  
Musik und Theater München (DE)

18:45 – 19:30

Buffet

19:30 – 20:30

Round Table

## Art, Music, and Contingency

Sabine Coelsch-Foisner, English Literature/Cultural  
Theory, Universität Salzburg (AT)  
Wilfried Hiller, Composer/Musician, München (DE)  
Antje Tesche-Mentzen, Sculptor/Artist, München (DE)  
Amadeus Wiesensee, Pianist (DE)

20:30 – 21:15

Music

Amadeus Wiesensee, Pianist (DE)

ca. 22:00

Return to Munich

BAD ENDORF