REGISTRATION

Registration is for free! Please let us know if you wish to attend the workshop by the 7th of October at the latest. Number of participants is limited.

Contact

For registration or information please contact:

Dr. Thomas Fritze
(thomas.fritze@dzne.de)

MEETING PLACE

Getting from the airport/train station to the DZNE:

There is a public bus that connects Cologne/Bonn airport to the Bonn main train station. You have to take line SB60 (30min; 8.20€). The service operates every 30 minutes. The 25 km bus journey to the airport takes 27 minutes (the return trip to Bonn takes 32 minutes).

From the Bonn main train station, you can take the bus line 601 towards Uniklinikum Süd/Venusberg. Get off at the „Uniklinikum Süd“ (19min; 2.90€ or included in your ticket if you are coming from the airport).

Meeting place:

German Center for Neurodegenerative Diseases e.V. (DZNE)
Sigmund-Freud-Str. 27
53127 Bonn
web: www.dzne.de

THIRD WORKSHOP ON
MONITORING DEMENTIA

"NEW INSIGHTS FROM HEALTH CLAIMS DATA AND ELECTRONIC MEDICAL RECORDS"

17th and 18th October 2018
Bonn, Germany
The German Center for Neurodegenerative Disease (DZNE) is organizing the “Third Workshop on Monitoring Dementia – New Insights from Health Claims Data and Electronic Medical Records” from Wednesday 17th to Thursday 18th October 2018 in Bonn, Germany.

The aim of the workshop is to discuss the possibilities and limits of the use of health claims data and electronic medical records in dementia research.

A particular focus will be on the potential of Big Data for advancing dementia research. Big Data approaches open the doors for new methods and creating new data sources, combining, among others, data from electronic medical records, registries and other routine health data. We will discuss advantages, but also challenges for research regarding technical aspects, ethics, and policy.

We have invited researchers from a wide range of scientific disciplines, including neurology, epidemiology, demography, pharmacology and statistics.

Following aspects will be presented and discussed:

- Causal inference from observational data
- Surveillance of dementia
- Prevalence and trends
- Pharmacoepidemiological analyses
- Big data and digital data in monitoring dementia
- Methodological aspects
- Risk factors and prevention
- End-of-life research

OUTLINE

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SCHEDULE

Wednesday, 17th October 2018

10:30-10:45 Opening
Gabriele Doblhammer (DZNE, Germany)

Part I: Health Claims Data and Electronic Medical Records

Session 1
10:45-11:15 Causal Inference for Pharmacoepidemiology
Vanessa Didelez (Leibniz Institute for Prevention Research and Epidemiology, Germany)

11:15-11:45 Prevalence and Trends of Dementia and Parkinson’s Disease
Michael Nerius (DZNE, Germany)

11:45-12:15 Health Administrative Data Linkage for National Surveillance of Dementia: Methods, Data and Future Developments of the Canadian Chronic Disease Surveillance System
Catherine Pelletier (Public Health Agency of Canada, Canada)

12:15-13:30 Lunch

Session 2
13:30-14:00 Monitoring Dementia in Sweden: Findings from Nationwide Registers
Kristina Johnell (Karolinska Institutet, Sweden)

14:00-14:30 Using the UK Clinical Practice Research Datalink for Dementia Research
Kathryn Richardson (University of East Anglia, UK)

14:30-15:00 Pharmacoepidemiological Analyses and Drug Safety
Britta Haenisch (DZNE, Germany)

15:00-15:30 Coffee

Part II: Big Data and Digital Data in Monitoring Dementia

Session 3
15:30-16:00 Dementia, Digitalisation and Big Data: Aligning Science, Healthcare and Policy’s Benefit
Marcello Ienca (ETH Zurich, Switzerland)

16:00-16:30 Neural Network Extraction of Mental Health Terms from Text in Electronic Health Records
Alejo Nevado-Holgado (Oxford University, UK)

16:30-17:00 Semantic Integration of Multimodal Data at the DZNE
Juliane Fluck (Fraunhofer SCAI, Germany)

Thursday, 18th October 2018

9:00-9:30 Detecting Undiagnosed Dementia in Primary Care by Using Machine Learning
Stephen Pearson (Re:Cognition Health, UK)

9:30-10:00 Advancing Towards a Public Health Approach to Prevent Dementia: the preDIVA-, HATICE- and PRODEMOS-trials
Willem van Gool (Academic Medical Center Amsterdam, Netherlands)

10:00-10:30 Bias in Small Area Analyses Using Claims Data
Jan Pablo Burgard (University of Trier, Germany)

10:30-11:00 Coffee

Session 4
9:00-9:30 Potential for Prevention of Dementia in Germany. An Analysis of Health Claims Data
Anne Fink (DZNE, Germany)

11:00-11:30 Sepsis and Risk of Dementia. An Analysis of German Claims Data for the years 2006-2015
Thomas Fritz (DZNE, Germany)

12:00-12:30 Medical Comorbidity in Alzheimer’s disease
Raymond Lo (Buddhist Tzu Chi General Hospital and Tzu Chi University, Taiwan)

12:30-13:45 Lunch

Session 5
11:00-11:30 Dementia and Musculoskeletal Conditions Predicting Nursing Home Status in Centenarians in the Last Six Years of Life
Paul Gellert (Charité-Universitätsmedizin Berlin, Germany)

11:30-12:00 Sepsis and Risk of Dementia. An Analysis of German Claims Data for the years 2006-2015
Thomas Fritz (DZNE, Germany)

12:00-12:30 Medical Comorbidity in Alzheimer’s disease
Raymond Lo (Buddhist Tzu Chi General Hospital and Tzu Chi University, Taiwan)

12:30-13:45 Lunch

Session 6
13:45-14:15 Dementia and Survival at Extreme Old Ages
Gabriele Doblhammer (DZNE, Germany)

14:15-14:45 Health and Aged-care Service Use at the End of Life by Older Australian Women With Dementia
Michael Waller (University of Queensland, Australia)

14:45-15:15 Dementia and Survival at Extreme Old Ages
Gabriele Doblhammer (DZNE, Germany)

15:15-15:30 Closing
Gabriele Doblhammer (DZNE, Germany)