LOST IN THE MAZE? NAVIGATING EVIDENCE AND ETHICS IN TRANSLATIONAL NEUROSCIENCE
February 14 - 16, 2018, Hanover, Germany
Herrenhausen Conference

PRELIMINARY PROGRAM (all academic titles have been omitted)

Wednesday, February 14th, 2018

11.30 a.m.  Registration, Coffee and Quick Lunch

1.00 p.m.   Welcome Remarks:
            Wilhelm Krull, General Secretary, Volkswagen Foundation
            Christopher Baum, Hannover Medical School, Germany

1.10 p.m.   Opening Session:
            A SERIES OF BRIEF TALKS TO ILLUSTRATE THE CONNECTIONS BETWEEN THE QUALITY OF PRE-CLINICAL RESEARCH AND THE ETHICS OF EARLY CLINICAL TRIALS
            INTRODUCTION AND CHAIR: Ulrich Dinnagi, Charité-Universitätsmedizin Berlin and Berlin Institute of Health, Germany

            MAPPING THE SCIENTIFICALLY AND ETHICALLY COMPLEX TERRAIN OF TRANSLATIONAL NEUROSCIENCE
            Mark Yarborough, University of California Davis, USA

            WHAT DO WE KNOW ABOUT SAFETY AND EFFICACY IN PHASE I NEUROLOGY CLINICAL RESEARCH?
            Jonathan Kimmelman, McGill University, Canada

            A QUESTION OF EVIDENCE: THE EXTENT AND DEPTH OF PROBLEMS IN PRE-CLINICAL RESEARCH
            Emily Sena, University of Edinburgh, UK

            HOW PROBLEMS IN PRE-CLINICAL RESEARCH AFFECT THE ETHICS OF CLINICAL RESEARCH
            Daniel Strehl, Hannover Medical School, Germany

            PROPOSED SOLUTIONS TO IMPROVE THE QUALITY, RELIABILITY, AND PREDICTION OF PRE-CLINICAL RESEARCH FOR NOVEL NEUROLOGICAL TREATMENTS: A REVIEW
            Ulrich Dinnagi, Charité-Universitätsmedizin Berlin and Berlin Institute of Health, Germany
2:25 p.m.  
Panel Discussion:  
CAUSES OF CURRENT PROBLEMS IN PRE-CLINICAL RESEARCH AND THE EXTENT OF THEIR ETHICAL IMPLICATIONS FOR EARLY TRIALS OF NOVEL INTERVENTIONS  
MODERATOR:  
Nanette Joyce, University of California Davis, USA  
PANELISTS:  
Ulrich Dirnagl, Charité-Universitätsmedizin Berlin and Berlin Institute of Health, Germany  
Jonathan Kimmelman, McGill University, Canada  
Jeffrey Mogil, McGill University, Canada

3.00 p.m.  
Coffee Break

3.30 p.m.  
Small Group Sessions:  
CONFIRMING THE CHALLENGES IN TRANSLATIONAL NEUROSCIENCE  
Pre-assigned groups will work with designated leaders to provide feedback about the opening afternoon session:  
1. Are there mitigating factors about the key points or challenges covered in the presentations that did not receive enough mention?  
2. Were any key points or challenges that need to be addressed not mentioned?  
3. Are there other improvement measures we should focus on, either in addition to or in place of, those mentioned by the presenters?

4.30 p.m.  
Keynote Address:  
EVIDENCE ABOUT EVIDENCE  
John Ioannidis, Stanford University, USA

5.30 p.m.  
Discussion of the Keynote Address and Small Group Sessions:  
MODERATOR: Alison Abbott, Nature Publishing Group, Munich, Germany  
PANELISTS:  
Annelien Bredenoord, Utrecht University, The Netherlands  
Andreas Meyer-Lindenberg, Central Institute of Mental Health, Germany  
Shai Silberberg, National Institutes of Health, USA

6.15 p.m.  
Welcome Reception and Poster Session

7.00 p.m.  
Welcome Dinner
Thursday, February 15th, 2018

9.00 a.m.  
**Session:**  
**INFORMED CONSENT: ITS ESSENTIAL ROLE AND SPECIFIC IMPLEMENTATION CHALLENGES FOR INDIVIDUALS CONFRONTED BY THE PROSPECT OF LIFE-LIMITING NEUROLOGICAL DISEASES AND DISORDERS**  
**Jodi Halpern,** University of California Berkeley, USA

**UNDERSTANDING AND WORKING WITH PATIENTS’ THERAPEUTIC MOTIVATION FOR ENTERING CLINICAL TRIALS**  
**Scott Kim,** National Institutes of Health, USA

**HOW PUBLIC REPRESENTATIONS OF SCIENCE AND HEALTH CAN IMPACT PUBLIC DEBATE AND PATIENT DECISION MAKING**  
**Timothy Caulfield,** University of Alberta, Canada

10.00 a.m.  
**Panel Discussion:**  
**PUBLIC AND PATIENT PERCEPTIONS OF RESEARCH**  
**MODERATOR:** **Paul Knoepfler,** University of California Davis, USA

**PANELISTS:**  
**Virginie Bros-Facer,** EURORDIS, France  
**Katherine Cowan,** James Lind Alliance, UK  
**Scott Kim,** National Institutes of Health, USA

10.45 a.m.  
**Coffee Break**

11.15 a.m.  
**Large Group Discussion among Panelists and Audience Members:**  
**THE INFORMED CONSENT PROCESS: HOW CAN WE IMPROVE IT?**  
**MODERATOR:** **Alex Capron,** University of Southern California, USA

**PANELISTS:**  
**Michael Rieder,** Concerned parent, Germany  
**Sharon McClellan Tomason,** Director of Education/Executive Secretary, Help 4 HD International, USA  
**Vicki Wheelock,** University of California Davis, USA

12.30 p.m.  
**Young Researchers Presentations (Travel grantees) - Part I**

1.00 p.m.  
**Lunch**
2.30 p.m.  
**Session:**  
*ETHICALLY RESPONSIBLE SCIENCE COMMUNICATION*  
**Ubaka Ogbogu,** University of Alberta, Canada

**HOW COMMUNICATION FRAMING INFLUENCES PUBLIC PERCEPTIONS**  
**Dominique Brossard,** University of Wisconsin-Madison, USA

**THE ROLE OF SOCIAL MEDIA IN PUBLIC UNDERSTANDING OF BIOMEDICAL RESEARCH**  
**Julia Belluz,** Vox.com, USA

**Speaker Discussion and open to the Auditorium:**  
**MODERATOR:** **Sarah Perrault,** University of California Davis, USA

3.30 p.m.  
**Small Group Exercises:**  
*RESEARCHER RESPONSIBILITIES FOR IMPROVING SCIENCE COMMUNICATION*  
Pre-assigned groups will work with designated leaders to:
1. Discuss the relative weight of science communication responsibilities of researchers compared to their other professional responsibilities
2. Explore strategies to improve science communication

4.30 p.m.  
**Coffee Break**

5.00 p.m.  
**Young Researchers Presentations (Travel grantees) - Part II**

5.30 p.m.  
**Large Group Discussion to hear and discuss Small Group Findings:**  
*RECOMMENDATIONS FOR IMPROVING SCIENCE COMMUNICATION*  
**MODERATOR:** **Timothy Caulfield,** University of Alberta, Canada

6.00 p.m.  
**Reception and Poster Session**

7.00 p.m.  
**Conference Dinner and Social Event**
9.00 a.m.  Panel 1:  
**THE ROLE OF UNIVERSITIES IN IMPLEMENTING BEST PRACTICES FOR IMPROVING TRANSLATIONAL NEUROSCIENCES**  
Moderator: Alex Kolodkin, Johns Hopkins School of Medicine, USA  
**PANELISTS:**  
Frank Miedema, University Medical Center Utrecht, The Netherlands  
Cornelius Frömmel, Charité-Universitätsmedizin Berlin, Germany  

9:30 a.m.  Panel 2:  
**THE ROLE OF DRUG AND DEVICE REGULATORY AGENCIES IN IMPLEMENTING BEST PRACTICES FOR IMPROVING TRANSLATIONAL NEUROSCIENCES**  
**MODERATOR:** Iain Chalmers, James Lind Initiative, UK  
**PANELISTS:**  
Enrica Alteri, European Medicines Agency, UK  
Laurent Pradier, SANOFI R&D, France  
Thomas Steckler, Janssen Pharmaceuticals, Belgium  

10:00 a.m.  Panel 3:  
**THE ROLE OF FUNDERS IN IMPLEMENTING BEST PRACTICES FOR IMPROVING TRANSLATIONAL NEUROSCIENCES**  
**MODERATOR:** Oliver Grewe, Volkswagen Foundation, Germany  
**PANELISTS:**  
Leena Kaarina Bruckner-Tuderman, Albert-Ludwigs-University of Freiburg and Deutsche Forschungsgemeinschaft, Germany  
Shai Silberberg, National Institute of Health, USA  

10:30 a.m.  Coffee Break  

11.00 a.m.  Panel and Audience Discussion:  
**MOVING FORWARD TO STRENGTHEN THE QUALITY AND PREDICTIVE VALUE OF PRE-CLINICAL RESEARCH**  
**MODERATOR:** Ulrich Dinnagl, Charité-Universitätsmedizin Berlin and Berlin Institute of Health, Germany  
**PANELISTS:**  
Jeffrey Mogil, McGill University, Canada  
Hanno Würbel, University of Bern, Switzerland
11.30 a.m.  Panel and Audience Discussion:
MOVING FORWARD TO STRENGTHEN THE OVERSIGHT OF CLINICAL RESEARCH ON NOVEL INTERVENTIONS FOR NEUROLOGICAL DISEASES AND DISORDERS
MODERATOR: Vicki Wheelock, University of California Davis, USA
PANELISTS:
Insoo Hyun, Case Western Reserve University
Bernard Ravina, Voyager Therapeutics, USA

12.00 p.m.  Panel and Audience Discussion:
MOVING FORWARD TO STRENGTHEN THE ETHICS OF CLINICAL RESEARCH ON NOVEL INTERVENTIONS FOR NEUROLOGICAL DISEASES AND DISORDERS
MODERATOR: Mark Yarborough, University of California Davis
PANELISTS:
Annelien Breedenoord, Utrecht University, The Netherlands
Jodi Halpern, University of California Berkeley, USA

12.30 p.m.  Announcement of Best Poster and Best Talk Prize Winners, Closing Remarks & Adjourn Conference:
Ulrich Dirnagl and Mark Yarborough

12.45 p.m.  Lunch

1.30 p.m.  End of event