



# Mildred Scheel Lectureship

5<sup>th</sup> LECTURE

## Challenges in translating “omics” for personalized treatment of breast cancer

March 24<sup>th</sup> 2015  
4:00 pm

Hörsaal Haus 19  
Diagnostisch-Internistisch-  
Neurologisches Zentrum (DINZ)  
Universitätsklinikum  
Carl Gustav Carus Dresden  
Fetscherstrasse 74  
01307 Dresden

### Welcoming Remarks

**Prof. Dr. Baumann and  
Deutsche Krebshilfe**

### Reception

**Prof. Dr. Anne-Lise Børresen-Dale  
(PhD, MD (h.c.))**

Head of Department of Genetics and Director of  
The K.G. Jebsen Center for Breast Cancer Research, Institute  
for Cancer Research, Oslo University Hospital, The Norwegian  
Radiumhospital and Institute for Clinical Medicine, Faculty of  
Medicine, University of Oslo, Norway



Professor Anne-Lise Børresen-Dale is among the leading geneticists in research on molecular biology of breast cancer, her group pioneered expression profiling of breast carcinomas in collaboration with groups at Stanford, demonstrating that breast cancer can be divided into distinct sub-groups with differences in molecular profiles and in overall and relapse-free survival. Her achievements are seminal for understanding breast cancer evolution, and have had an enormous impact on our

view of the complexity of breast cancer. She has authored more than 450 peer-reviewed publications, book chapters and invited reviews.

Her current research projects focus on ‘Exploring the Systems Biology of Breast Cancer’ using high dimensional data in integrated approaches aiming at identification of genotypes and gene expression profiles contributing to elevated cancer risk, radiation sensitivity, tumor aggressiveness and therapy resistance.

Professor Børresen-Dale has received several prizes and awards, inter alia the Swiss Bridge Award for outstanding Cancer Research in 2004 and the Möbius Prize for Outstanding Research in 2008. Most recently, she has received the Helmholtz International Fellow Award. In addition to her scientific merits, she is an active member of various national and international boards. Professor Børresen-Dale has been Member of the Board of Directors of both American Association of Cancer Research (AACR) and European Association of Cancer Research (ECCO), is Past President of the European Association of Cancer Research (EACR), and is Elected Member of The Royal Academy of Science, Norway, The Norwegian Academy of Science and Letters and the European Academy of Cancer Sciences. Since 2010 and 2013 respectively, she is an exceptionally dedicated member of the Scientific Advisory Boards of the DKFZ and the DKTK.



**dkfz.**

German Cancer Consortium  
Partner site Dresden

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