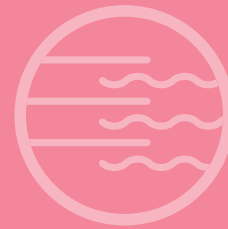
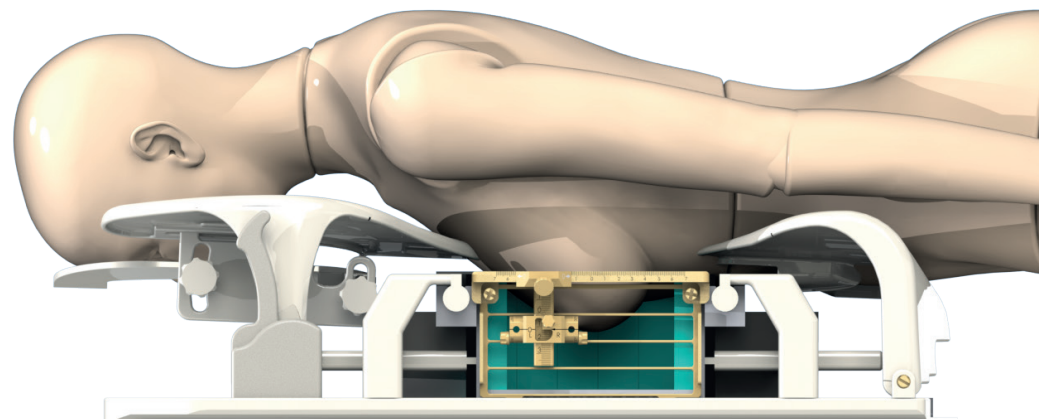


## OBJECTIVE

HYPMED aims to design, build and test a groundbreaking PET/Radiofrequency (RF) insert that will vastly improve breast cancer imaging. This new device will also facilitate guided biopsy through a combination of high-resolution/ultra-high sensitivity PET and structural and functional MR.



FOR MORE INFORMATION  
VISIT **HYPMED.EU**

### Scientific Coordinator

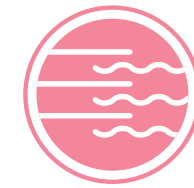
Prof. Christiane Kuhl  
Universitätsklinikum RWTH Aachen, DE

### Project Coordinator

Dr. Pamela Zolda  
European Institute for Biomedical Imaging Research, AT  
pzolda@eibir.org

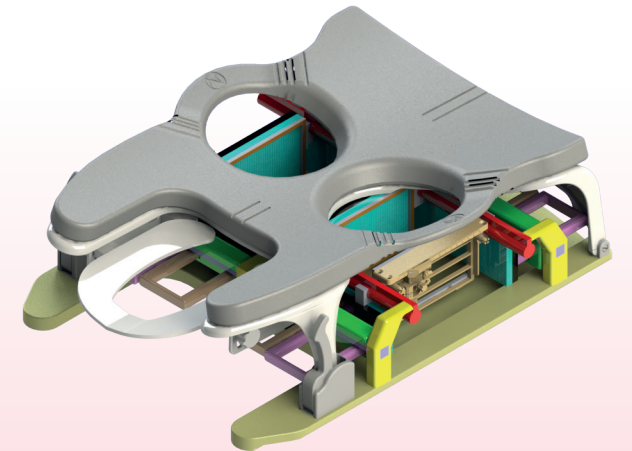


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 667211



# HYPMED

## HYBRID IMAGING FOR BREAST CANCER



*“ HYPMED combines visionary clinical expertise with excellence in physics and engineering and the technology will greatly help us to choose a treatment that is exactly right for a given cancer in a given woman ”*

**Prof. Christiane Kuhl**

*Scientific Coordinator of the HYPMED Project*

## PROJECT OUTCOMES

- With the new insert, **any regular clinical MR machine can be turned into a hybrid system** when required.
- The impact of this technology will be evaluated by a **clinical study that tests established and novel PET tracers** in patients.
- The project may **expand this approach to other fields** such as prostate cancer imaging or cardiac hybrid imaging.
- By applying molecular and functional PET-RF imaging, physicians will have more **information for selecting appropriate and individualised treatment.**

## PROJECT FACTS

**Coordinator:** *European Institute for Biomedical Imaging*

**Duration:** *48 months*

**Runtime:** *January 1, 2016 - December 31, 2019*

**Total EU Funding:** *€5,861,957.50*

## PROJECT PARTNERS

European Institute for Biomedical Imaging Research 

Universitätsklinikum RWTH Aachen 

Forschungszentrum Jülich 

Medical University Vienna 

Delft University of Technology 

Universitätsklinikum Münster 

NORAS MRI Products 

Futura Composites 

Intrasense 

Philips 