OBJECTIVE

HYPMED aims to design, build and test a ground-breaking 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

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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.

“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