

HEIDELBERG
UNIVERSITY
HOSPITAL

Changing Cardiovascular Medicine

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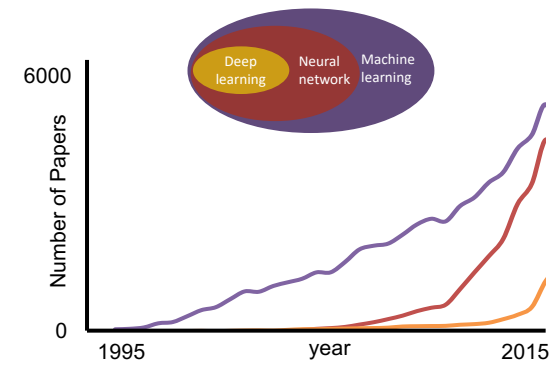
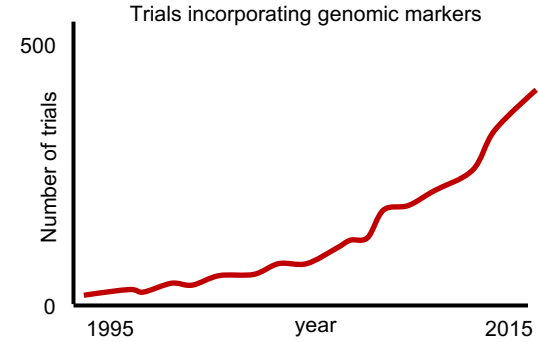
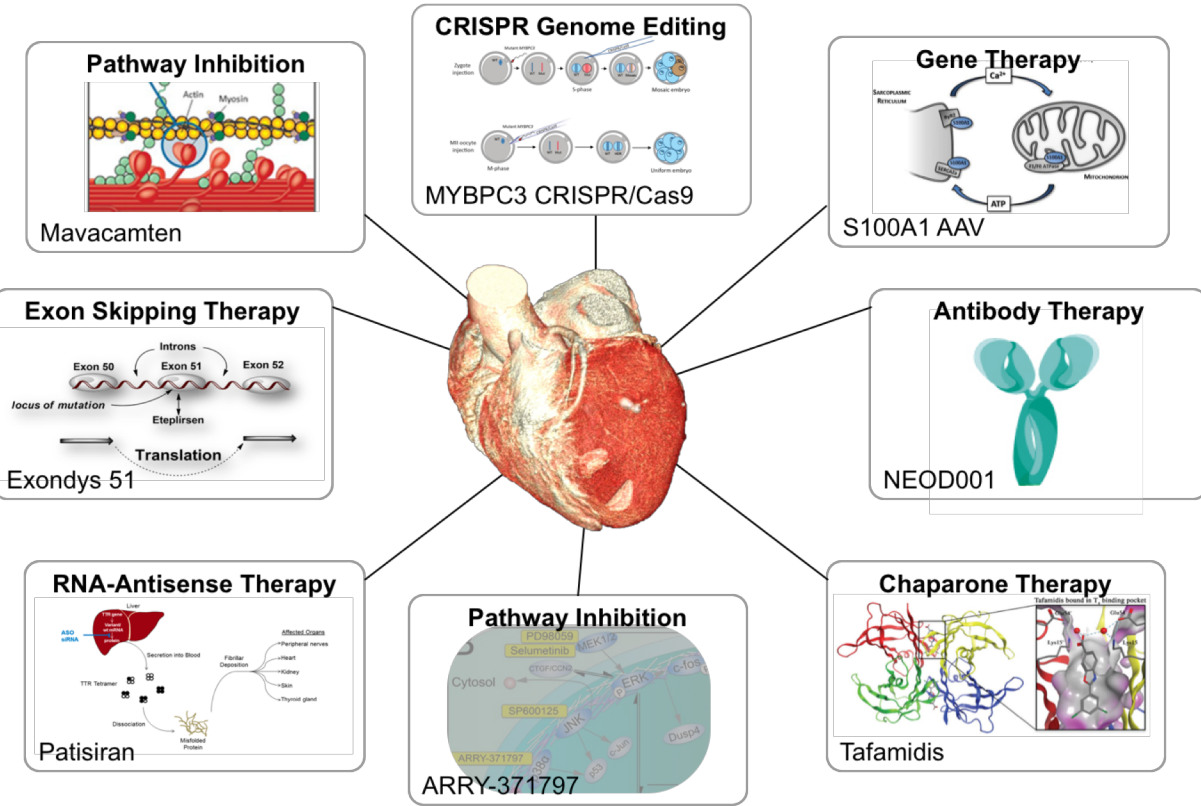
University Heidelberg – Innovation since 1386



Cardiovascular interventions always needed to be precise

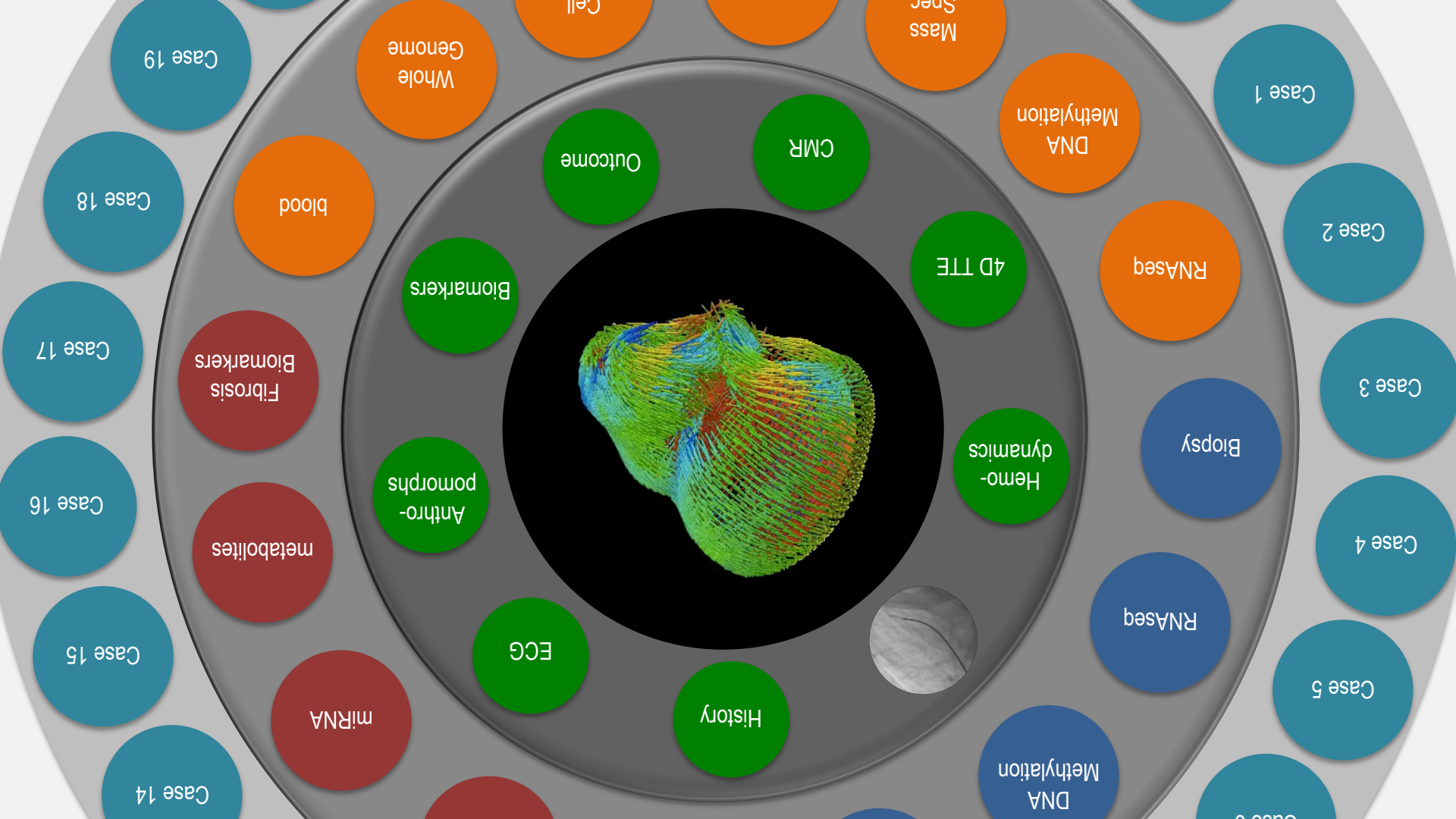


Now we head towards real Precision Cardiology



Heidelberg pioneered Computational Cardiology in 2013





Building Heart Medicine from the DNA of innovators

An aerial architectural rendering of a large, modern building complex. The building is composed of several interconnected rectangular blocks, each with a flat green roof. The facade is light-colored with a grid of windows. The building is surrounded by green spaces, trees, and other smaller white buildings. Three callout boxes with white backgrounds and orange text are connected to the main building by white lines. The overall scene is bright and clear, suggesting a sunny day.

Informatics for Life
Institute

Digital Heart Center
Heidelberg

Company on
Campus

The New Digital Heart Center and I4L by numbers



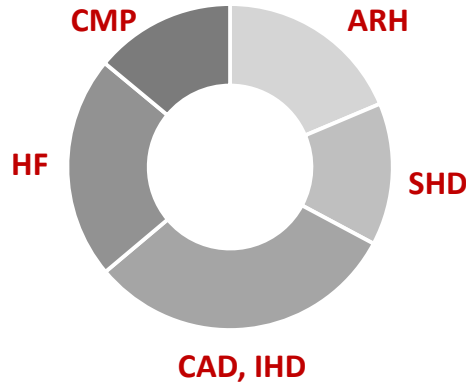
180
DOCTORS



300
NURSES+
TECHS



150+
SCIENTISTS



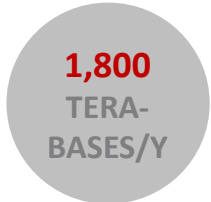
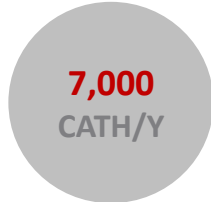
14
CATHLABS &
OPERATION
ROOMS

3+2
CMRI, CT

2
CV
BIOBANKS

6
SEQUENCING
MACHINES

20
PETABYTE DATA
STORAGE



**Biomedical
Sciences**

Dynamic re-structuring Workflows
Prediction of Therapy Response
Improving the Precision in Diagnostics
Providing Uniform Quality Levels
Making Tasks Mobile & Easy
Disease Classifications
Participation of Patients

**Computer
Sciences**



Biomedical
Sciences

Computer
Sciences