

Ventricular heart tissue samples and linked clinical data

Background

Bayer's Pharmaceuticals Research & Development division is working on potential future therapies for patients with cardiovascular diseases. In order to develop tailored therapeutic approaches, it is necessary to have patient samples and data in order to identify patient relevant targets or pathomechanisms.

What we're looking for

We are seeking ventricular heart tissue samples and linked clinical data from patients with end-stage heart failure. We are seeking partnerships with both fee-for-service providers and also academic and public institutions who could provide such material and clinical data.

Our must-have requirements are:

- Tissue samples must be accompanied by linked clinical data of those patients (at least diagnosis, medication, imaging data (echocardiogram or cardiac MRI)) – available in an electronic format
- Tissue samples must be available immediately – no prospective sampling
- The allowance by the donors and the license we could take to do research & development with the tissue samples, the clinical data and the results of using both.
- You must be able to show us the detailed wording of the patient informed consent, if requested.

Our nice-to-have requirements are:

- Longitudinal clinical data of those patients
- Plasma samples of those patients in addition to the tissue samples (with a similar collection period)
- If there are follow-up tissue samples available from patients with left ventricular assist devices

What's out of scope:

- Tissue samples for which no linked clinical data of those patients is available

Acceptable technology readiness levels (TRL): Levels 3-9

1. Basic principles observed
2. Concept development
3. Experimental proof of concept
4. Validated in lab conditions
5. Validated in relevant environment
6. Demonstrated in relevant environment
7. Regulatory approval
8. Product in production
9. Product in market

What we can offer you

Eligible partnership models:

- Sponsored research
- Supply/purchase
- Licensing
- Material transfer

Benefits:

Sponsored Research

We are interested in follow-on research collaborations with relevant teams, including sponsored research or involvement of collaborators on a consultancy basis.

Who we are

Bayer is a German multinational pharmaceutical and life sciences company with a more than 150-year history and core competencies in the areas of health care and agriculture.

Reviewers

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