

Eleonora Lupi

High Throughput Screening Assay for the identification of compound enhancing the Epicardium formation.

Nadia Mercader Huber, Universität Bern, Switzerland

Jochen Gehrig, Acquirer AG, Germany



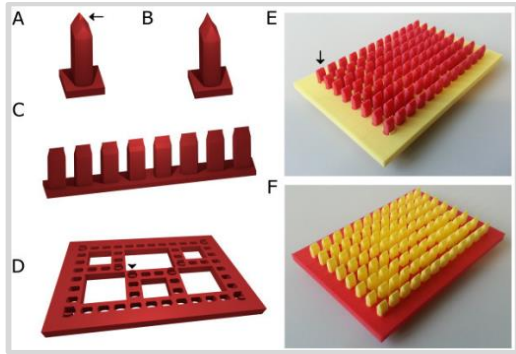
Project aims

01 #One

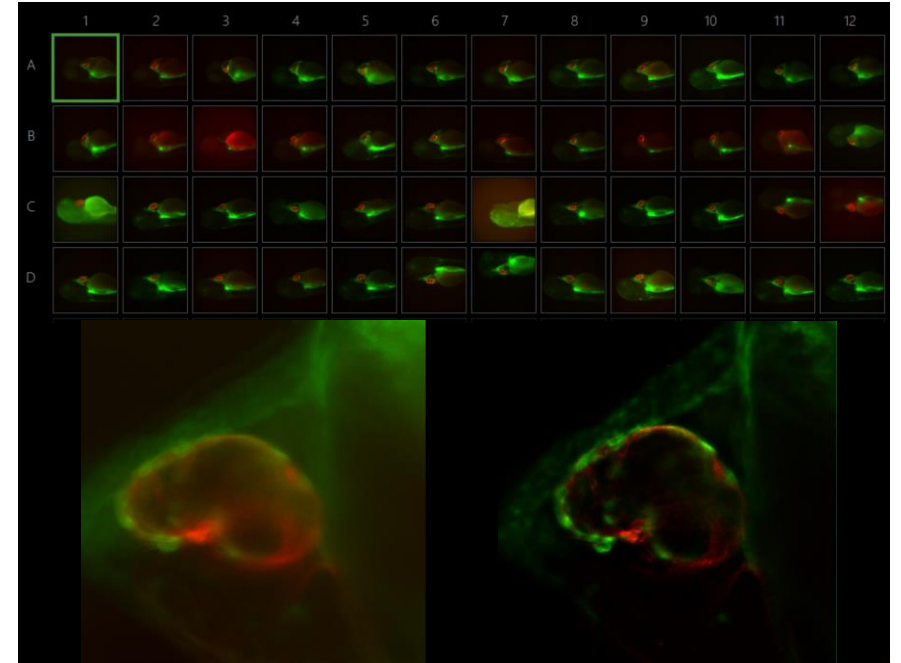
Development of an entire pipeline for heart imaging a cellular resolution using Smart Imaging technique.

02 #Two

Screening of Drugs that could enhance the epicardium formation.



- Acquirer 3D printed orientation molds
- Acquirer Smart Imaging Machine



- Mercader's group $Tg(FLPout.Et(-26.5Hsa.WT1-1gata2:EGFP)^{cn12};(hsp70:bmp2b)^{fr13};(myl7:mRFP)^{ko08}$ line. Heart Imaging with Acquirer Machine.
- Heart Imaging before and after deconvolution.