

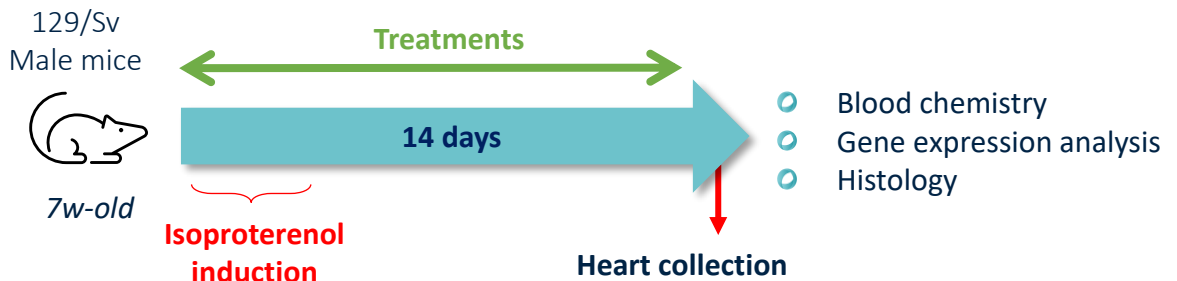
Isoproterenol-induced cardiac fibrosis

The isoproterenol mouse model is a widely used experimental approach to study pathological cardiac remodeling and fibrosis, characterized by myocardial inflammation and excessive extracellular matrix deposition. This mouse model developed by NEPHRIX Biosolutions allows the evaluation of anti-fibrotic and/or cardioprotective drug candidates targeting cardiac remodeling and heart failure progression.

Assay features

- Mouse 129/Sv male mice
- Gene expression, blood and histological analysis
- Reference: Pirfenidone (PIRF 300 mg/kg) + Spironolactone (SPIR 10 mg/kg)
- Suitable for drug screening: 14 days

Study design



Assay readouts

