Characterization of PDGF receptor β (PDGFRβ) signaling and regulation during development of myelofibrosis

Gata-1<sup>low</sup> mouse model for primary myelofibrosis

At 15-month old

**Overt fibrotic stage**

1. **PDGFRα**
   - **PDGFRβ**
   - **PDGF-B**

2. **↑ PDGFRβ–PDGF-B interaction**

3. **↑ Cell proliferation**

4. **Progressive fibrosis**

Megakaryocyte

Stromal cells

Bone marrow

Extracellular matrix deposition

Kramer et al., Haematologica, 2020