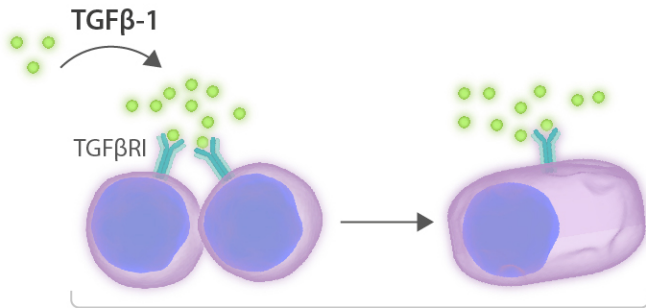
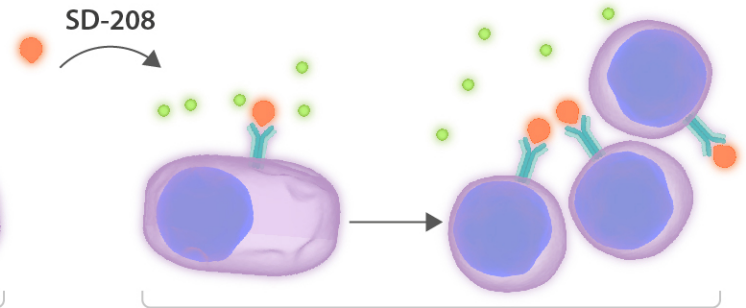


TGF β -1 plays a suppressive role in the bone marrow microenvironment of patients with myelodysplastic syndromes and acute myeloid leukemia, and targeting TGF β -1 is a promising treatment approach

Healthy mesenchymal stromal cells (MSCs)

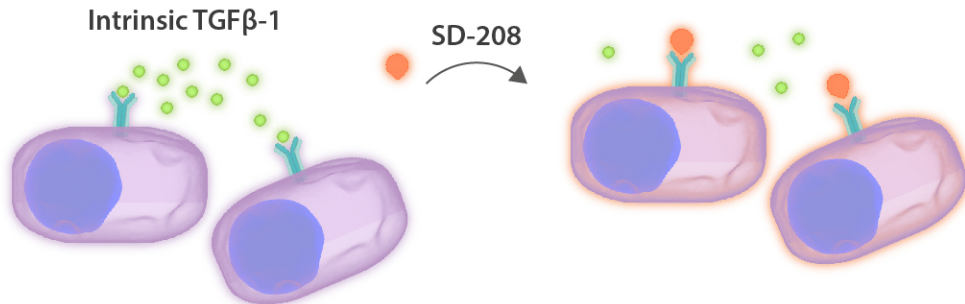


- ↓ Proliferation
- Similar phenotype of MDS- and AML-derived MSCs
- ↓ Osteogenic differentiation



- ↑ Proliferation
- Phenotypic reversion
- Restoration of osteogenic differentiation capacity

MDS- and AML-derived MSCs



- Restoration of osteogenic differentiation capacity