## **Dissemination onto Next MSC** ~24 h Saturation **Cell Division Proliferation ○**→**○** Heterotypic Homotypic **Aggregate** Interaction Interaction of Critical Size (Re-) Adhesion 1-10 h Dividing Myeloma Cell (MM) NF-κB Signal. ↑ Bone Marrow Homing ↑ ↑ P53- & E2F Signal. ↓ Bone Formation Homotypically Interacting MM MSC-Adhering MM Apoptosis † **↑ Viability** Apoptotic MM **↓ ECM & Adhesion** Adhesion & ECM ↑ **Detaching MM**

**Patient Survival** 

MSC

Patient Survival ↑