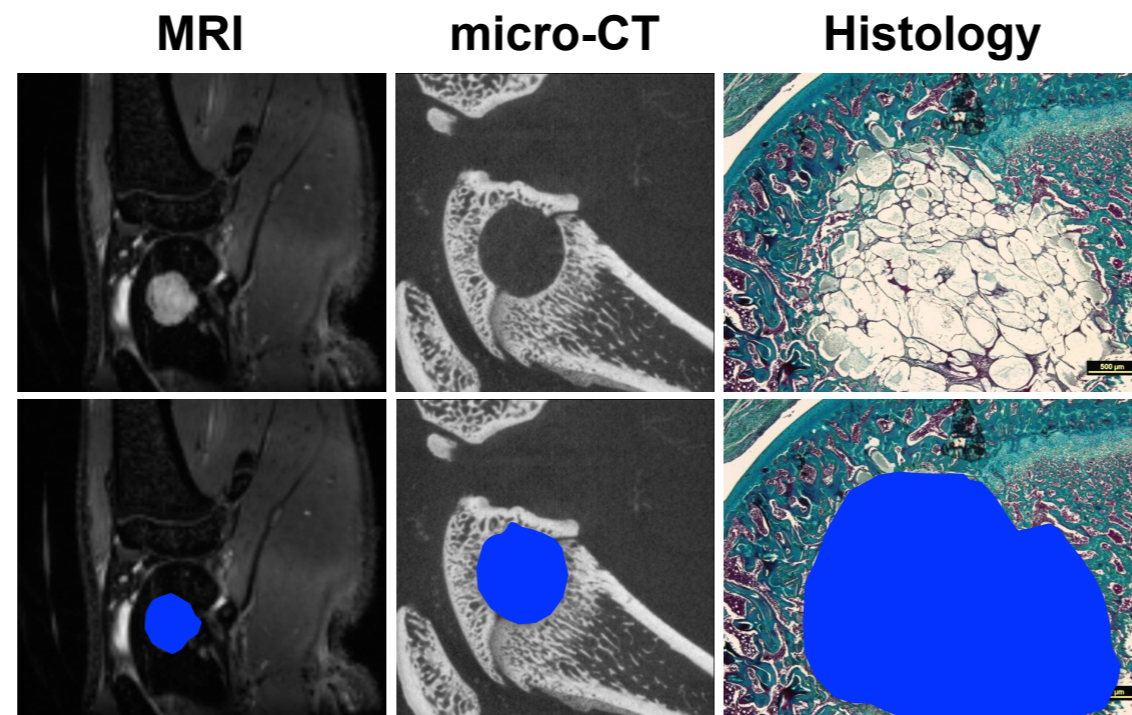
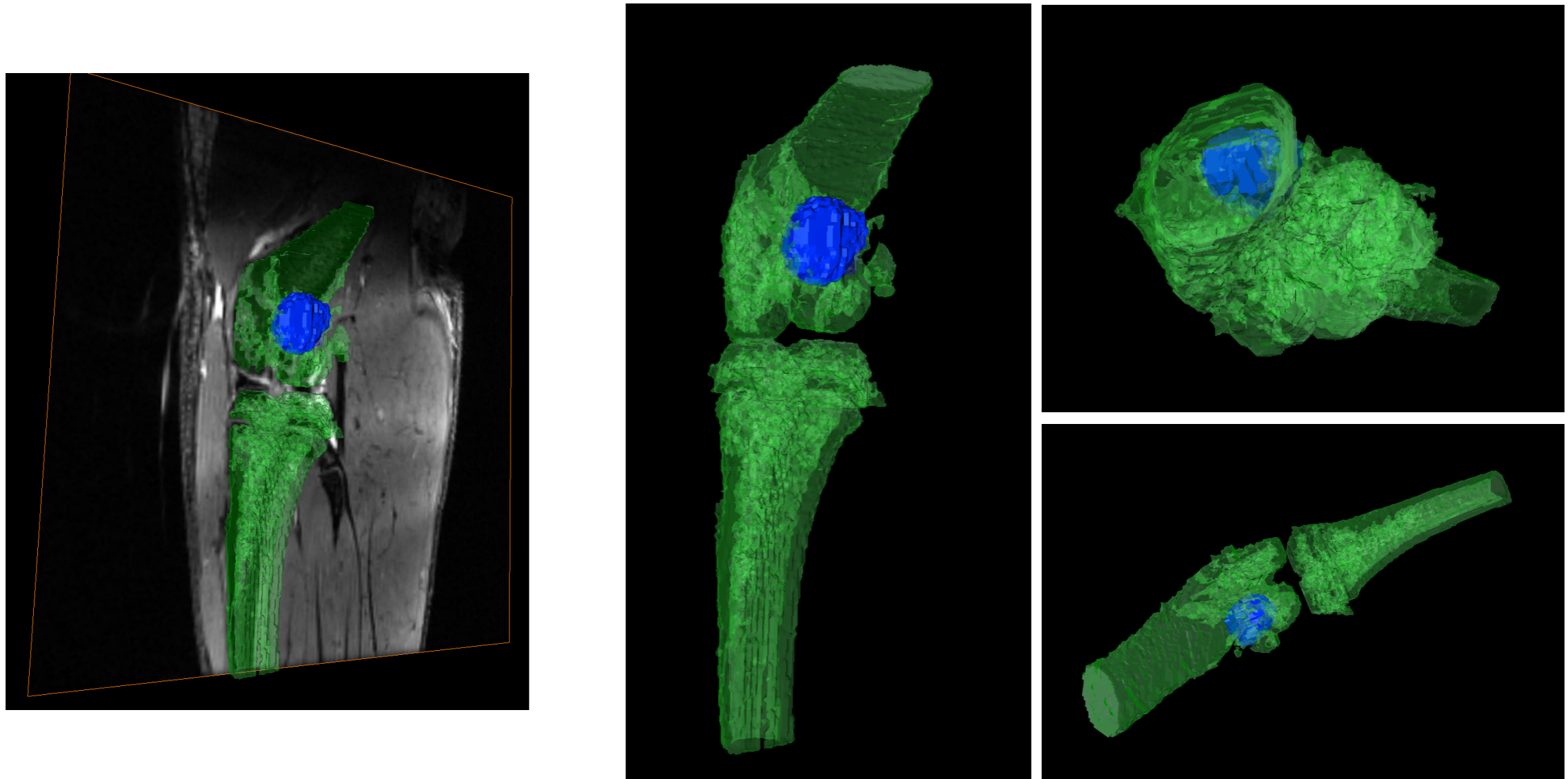


3D anatomical and perfusion MRI for longitudinal evaluation of biomaterials for bone regeneration of femoral bone defect in rats

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Supplementary Figure 1: Typical MRI, micro-CT and histology images at week 1 after implantation of a bone defect filled with a Matrix-HA-Fuco. The lower row shows the biomaterial-filled defect area in blue on each modality.



Supplementary Figure 2: 3D MRI representation of a rat knee with a femoral defect filled with a Matrix-HA-Fuco biomaterial, 1 week after implantation. On the left, extracted plan from a 3D MRI WS-bSSFP image and 3D superimposed representation of the femoral and tibial bones (green) and the biomaterial (blue). On the right, 3D representations shown along 3 orientations.