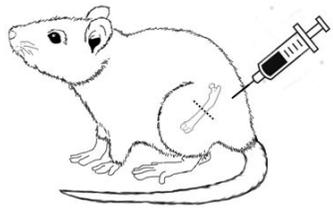


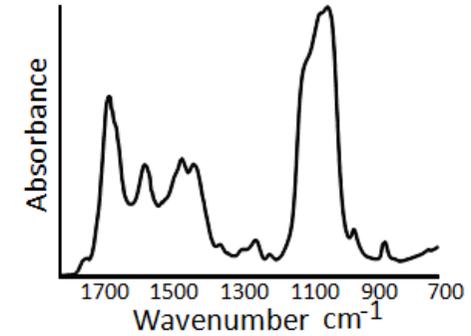
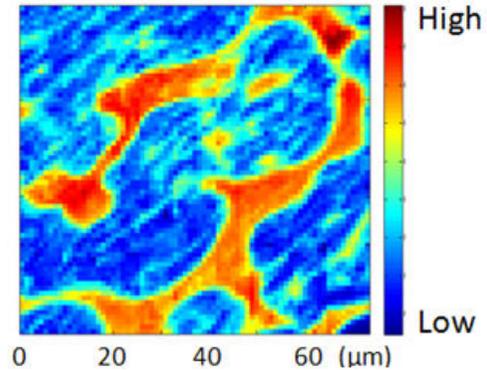
# Assessment of bone quality during bone healing



**Microstructure ( $\mu$ CT)**



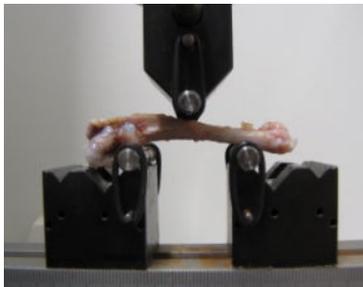
**Molecular composition (IR or dispersive spectroscopy)**



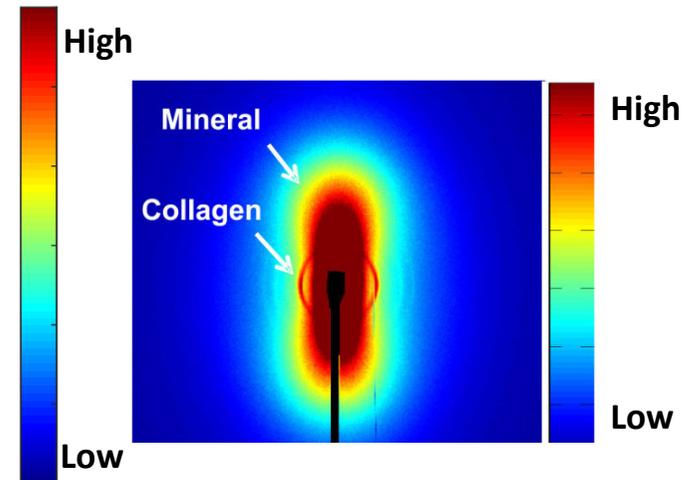
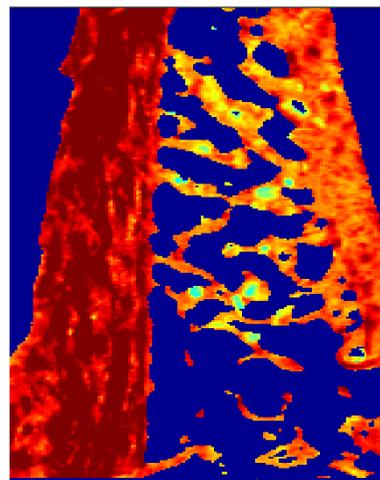
**X-ray**



**Mechanical properties (3-pt-bend)**



**Mineral structure and orientation (X-ray scattering)**



**Macro**

**Nano**

