



## ISFR RESEARCH EXCHANGE

### Laboratory Profile

#### Institute of Biomechanics, Trauma Center Murnau, Germany

**Laboratory Name, Address and Website:**

Institute of Biomechanics, Trauma Center Murnau  
Prof. Kuentscher Str. 8, 82418 Murnau, Germany  
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www.bgu-murnau.de/ MedizinischeBereiche/Biomechanik/index.php

**Laboratory Director :**

Peter Augat  
Professor for Biomechanics, Paracelsus Private Medical University Salzburg  
and Director Institute of Biomechanics, Trauma Center Murnau

**Research Focus:**

Biomechanics of Implants  
Fracture Healing  
Finite Element Modelling  
Osteoporosis

**Lab Equipment:**

Static Material Testing Machines  
Dynamic Material Testing Machine  
Micro CT Scanner  
3 D Motion Analysis Systems  
Milling Machine  
Machine Workshop  
CT scanner  
DXA scanner

**Fellowship and Job Opportunities:**

Continued opportunities for biomedical engineers and MD's:  
- 6 months internship  
- 6 months diploma thesis  
- 3 months biomechanical fellowship (funding may be available)  
For job opportunities please inquire