

### Personal Details

Name Hagen Schmal, MD, PhD  
Citizenship German  
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### Personal Profile

Clinical professor for traumatology, experienced in general surgical fracture treatment, orthopedic surgery of the lower extremity including cartilage regeneration, correction of axis deformity, foot reconstruction, specialized in pelvic and pediatric trauma surgery (speciallaege kirurgi og ortopædisk kirurgi), strong record of scientific

### Scientific Work

1993-1997 University of Michigan (Ann Arbor, USA), laboratory of P.A. Ward, M.D. (Dep. of Pathology), skilled in techniques of molecular and cell biology, animal experiments  
Since 1998 Research in the field of cartilage tissue engineering

Clinical studies focused on pelvic fractures, general and pediatric fracture treatment

### Publications

[https://www.researchgate.net/profile/Hagen\\_Schmal](https://www.researchgate.net/profile/Hagen_Schmal)

>115 peer-reviewed publications, H-index 28 (web of science)

### Funding (>6 Mio DKr):

1998-2000 ValleyTEC; 2003-2006 Competence Center Biomaterials Baden Württemberg; 2006-2008 Deutsche Arthrose-Hilfe e.V.; 2009-2011 AO Foundation Germany; 2011-2012, 2012-2013, ongoing projects since 2014 and 2015 Research commission of the University of Freiburg, 2011-2014 Federal Ministry of Education and Research Germany, 2016 Jeppe Juhl Mindelegat etc.

Since 2005 certified reviewer for amongst other Tissue Engineering, Osteoarthritis and Cartilage, Cytotherapy and international organizations such as AO Foundation International (Switzerland)

1999 Thesis (Dr. med) with degree „Summa cum laude“

2008 PhD thesis: “Role for differentiation and matrix interaction for cellular functionality in cartilage engineering”

2012 Nomination as associate professor at the University of Freiburg Medical Center

2015 Clinical professorship for traumatology at the Institute of Clinical Research, SDU

### Last clinical positions

1/2011-9/2015 Assistant medical director Orthopaedic Surgery, University of Freiburg/Breisgau

1/2012-9/2015 Head of the Section ‘Foot Surgery’

Since 10/2015 Overlæge at the Department of Orthopaedics and Traumatology, Odense University Hospital, Denmark (till 2020)

### Scholastic Honors

1995 Travel-Grant, International Student’s Conference, Berlin/Charité

2008, 2010, 2014 Poster Award of Annual Meeting of German Orthopedic Surgeons, Berlin

2009 First price for poster presentation, 28th Annual Conference of the Section Pediatric Traumatology of the German Society of Traumatology, Mannheim

2012 Kurt-Steim-Price

2016 Innovation Award