



Auflage: 2nd Revised Edition
2016

Einband: 2 DVDs and a detailed
booklet in a hardcover

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Produkt-Information

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Titel: Cell-to-Cell Communication

Untertitel: Osseointegration

Reihe: Cell-to-Cell Communication

Kurztext:

The invisible becomes visible and holds both challenge and fascination. The cellular-level biological processes that underlie osseointegration are visualized based on the cell types and messengers implicated, representing the current state of our knowledge. Complex biodynamic processes are showcased dramatically and didactically to support the transfer of knowledge in training and education.

Module 1, Cell-To-Cell Communication - Osseointegration, ushers in an Initiative for Excellence entitled Education - Science Comes Alive. It will eventually present all the relevant biomedical processes in dentistry and oral and maxillofacial surgery in the form of 3D animations, to be made available to a professional public as a 3D film library. This innovative genre - with special highlights for every viewer - will open up interesting teaching and training perspectives.

Outline

- Hemostasis
- Inflammatory Phase
- Proliferative Phase
- Remodeling Phase

DVD 1: Expert Version (Length: 12 minutes)

DVD 2: Public Version (Length: 12 minutes)

On This Film:

Main Cast:

Platelets, Fibroblasts, Endothelial Cells, Granulocytes,
Macrophages, Pericytes, Osteoclasts, Osteoblasts, Osteocytes

Also Starring:

PDGF, Thromboxane, TGF- α , TGF- β , VEGF, NO, ACE, TNF- α , IL-1,
IL-6, FGF, MIP-1, RANKL, Sclerostin

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Fachgebiet(e): Allgemeinmedizin, Implantologie,
Zahnheilkunde allgemein