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 "Osteoklasten/Odontoklasten"
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Book information

Editor: Gruber, Reinhard / Stadlinger, Bernd / Terheyden, Hendrik
Title: Kommunikation der Zellen: Zellatlas – Visualisierte Biologie in
 der Oralen Medizin
Series: Cell-to-Cell Communication

Short text:

The deepest understanding of the cells of the oral system will be found in decoding
 their communication and seeing how it is regulated. Once we have understood their
 language, clinicians might be able to talk to cells and control their action.

This book by 47 world-renowned experts – for each chapter at least one clinician and
 one basic scientist – highlights a reliable and actual state of research regarding this
 topic that quickly moves forward. Beyond the classic cell types addressed in the first
 part of the book, organ systems or model systems of cell-to-cell communication of a
 more generic type are presented in four additional chapters in the second part. A
 special feature are the colored scanning electron microscopic (SEM) images, created to
 eloquently illustrate and explain the function of the depicted cell types.

This book – accompanied by an augmented reality (AR) app that allows you to
 experience the process of bone resorption virtually – should help to open the vision of
 how we can regenerate tissues and heal diseases by controlling the language of the
 cells, and shows us the direction in which research and therapy will go in the future.

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Categories: General Dentistry, Human Medicine, Interdisciplinary, Student
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