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QuintEd Pty Ltd

📍 Suite 2/38 Albany St
NSW 2065 St Leonards
Australien

☎ +61 434521025

✉ admin@quinted.com.au

🌐 <https://www.quintessence-publishing.com/anz/en>

Produkt-Information

Autoren: Søren Jepsen / Mariano Sanz / Bernd Stadlinger / Hendrik Terheyden
Titel: Cell-to-Cell Communication: Oral Health and General Health
Untertitel: The Links Between Periodontitis, Atherosclerosis, and Diabetes
Reihe: Cell-to-Cell Communication

Kurztext:

Can periodontitis or other inflammatory processes of the oral cavity contribute to systemic conditions such as atherosclerosis or diabetes, or negatively influence their course? This 3D animation *Oral Health and General Health* addresses these issues by visualizing the highly complex intercellular interactions and signaling pathways. Periodontal pathogens are invasive and can spread throughout the body via the bloodstream. Locally produced pro-inflammatory mediators can also shed into the circulation. This new film features an interdisciplinary topic, and in this context, special attention is given to diseases such as atherosclerosis and type 2 diabetes. This sophisticated HD video animation makes the relevant information and latest insights accessible to a wider audience.

Contents

- Dissemination of bacteria in periodontitis
- Impact of periodontitis on the cardiovascular system: Atherosclerosis
- Effect of periodontitis on glucose metabolism: Type 2 diabetes
- Dental treatment

Advisory Board

Prof. Dr. Iain Chapple • Prof. Dr. Robert Genco • Prof. Dr. Evanthia Lalla • Prof. Dr. Shinya Murakami

DVD 1: *Expert Version* (Length: 17 minutes)

DVD 2: *Public Version* (Length: 14 minutes)

Fachgebiet(e): Humanmedizin, Fachübergreifend, Parodontologie, Zahnheilkunde allgemein