Outline

More over a quarter of the total Japanese population are the elderly. It has become much more important to advance the research of geriatric dentistry. Our major research topics are to understand aging of stomatognathic system, to study causes, pathology, symptoms and diagnosis of deterioration of oral function and dysphagia, and to learn the treatment methods for both of them. We perform translational research based on biological and epidemiological approaches in the field of geriatric dentistry. Our ongoing research projects are shown below.

Faculty members

Professor; Hideki Aita D.D.S., Ph.D.

Tomofumi Kawakami D.D.S., Ph.D. (concurrent position)

Assistant professor/full-time lecturer; Shin Tsukagoshi D.D.S., Ph.D

Assistant professor/research associate; Hikari Odachi D.D.S.

Clinical instructor; Yuuka Horiuchi D.D.S.

Postgraduate students

Syuhei Kemuriyama D.D.S.

Tomomi Matsue

Chair: Hideki AITA

Main research in progress

1) Translational research on biofunctionalization of titanium

http://www.photofunc-implant.org/
2) Effect of home-visit dental treatment for the elderly on the maintenance of dentition and stomatognathic function

3) Relationship between stomatognathic function and cognitive function in the elderly with dementia

Current publications