



*3<sup>rd</sup> INTERNATIONAL SYMPOSIUM ON  
SALIVARY GLANDS IN HONOR OF NIELS STENSEN*  
Okazaki, October 20-24, 2006  
JSPS International Symposium  
National Institute for Physiological Sciences, NINS  
Chairmen: M Murakami, H Sugiyama, A Riva



Dear Colleagues and Friends,

I hope that you are enjoying life in salivary gland research.  
This is the first call for your participation to Stensen III!

Hiroshi Sugiyama and I decided to plan the Stensen III in Okazaki, Japan, October 2006 in linkage with the 6<sup>th</sup> FAOPS (the Federation of Asian and Oceanian Physiological Societies) in Seoul.

The First Stensen Symposium was held in Florence 1995. Niels Stensen (1638-1686), his grave is located in the Medici's Cathedral of San Lorenzo, the symposium was dedicated to him. The second symposium was held in Cagliari, Italy in 1997. Recent push from GRC friends and the FAOPS in Seoul made me to organize the third Stensen Symposium at Okazaki in Japan. Fortunately JSPS (Japanese Society of Promotion of Science) approved our application as one of JSPS International meeting series and decided to support.

We have organized a series of small international workshops on salivary secretion at Okazaki, Japan, regularly from 1992 to 2000 in relation to international collaborative research project. After several year intervals, the system of my institute was changed and new conference hall was built in addition to the several buildings for three institutes. Also new international airport (Chubu International AP) was open at the beginning of 2005. The access from airport to Okazaki is now very convenient using a train (Meitetsu Line).

During the earlier half of the same week (15-18 October), FAOPS meeting will be held in Seoul (<http://www.faops2006.org>). The symposium for epithelial transport and John Young memorial lecture have been planned by David Cook, Min-Goo Lee, Anuwat Dinudom and myself. The organizing committee highly recommends joining also the FAOPS 2006 in Seoul.

The outline of the Stensen III is as followings,

### **3rd International Symposium on Salivary Glands in honor of Niels Stensen**

**Date: October 20-24, 2006,**

**Opening on 20 Oct, Scientific Session on 21-23 Oct, Business meeting and Excursion on 24 Oct.**

**Place: Okazaki Conference Center, NINS, Okazaki, Aichi, Japan**

#### **Acting Organizing Committee:**

**Masataka Murakami (Chair, National Institute for Physiological Sciences), Hiroshi Sugiyama (co-chair, Nihon University School of Dentistry at Matsudo), Alessandro Riva (co-chair, Cagliari University), Masaki Shimono (Tokyo Dental College), Shohei Yamashina (Kitasato University), Kazuo Hosoi (Tokushima University), Ryuji Matsuo (Okayama University), Steen Dissing (Copenhagen University), Martin C Steward (Manchester University)**

#### **Advisory committee:**

**Bruce Baum (Bethesda), Massimo Castagnola (Rome), David I Cook (Sydney), James Melvin (Rochester), Arthur Hand (Connecticut), Min-Goo Lee (Seoul), Brigitte Nauntofte (Copenhagen)**

**Audience: open for public, about 100 contributors as speakers and poster presenters.**

Correspondence to local organizing committee: M. Murakami, Nano-Structure Physiology  
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**1. The organizing committee planed tentative topics of the programs as followings.**

- A. Neural Control of Salivary secretion in response to Environmental Change.
- 1 Thirst and Salivary secretion,
  - 2 Afferent fibers from Salivary gland,
  - 3 Input control mechanism at salivatory nucleus,
  - 4 Evolution and Salivary Gland
- B. Functional Morphology of Secretory Granules
- 1 Transport characteristics of granular membrane,
  - 2 Physical state of intragranular proteins,
  - 3 Maturation mechanism of secretory granules,
  - 4 Release mechanism of secretory proteins
- C. Control of Transport via trans/para-cellular routes
- 1 Contribution of paracellular route to produce primary saliva,
  - 2 Control of paracellular transport and its morphological evidence,
  - 3 Molecular Mechanism for control of paracellular transport,
  - 4 Membrane Transporters for transcellular transport and their control,
- D. Proteomics of secretory proteins
- 1 Is population of secreted proteins dependent on kinds of stimulation?
  - 2 Intragranular proteins and Secreted proteins,
  - 3 Membrane proteins and Secreted proteins,
  - 4 Secretory mechanism for extrinsic proteins,
- E. Clinical Examination using Saliva
- 1 Salivary glucose
  - 2 Salivary Stress Indicators,
  - 3 Physiological and Biochemical Basis of Clinical Examination using Saliva,
  - 4 Examination using intrinsic salivary proteins,
- F. Structural Differentiation and Functional Expression of Salivary gland
- 1 Gene control of morphogenesis for acinar structure,
  - 2 Relationship between acinar morphogenesis and functional manifestation,
  - 3 Tissue Engineering of Salivary Gland: Clinical Application and its problems,
- G Clinical Therapy using modulation of salivary secretion
- 1 Modulation of Transporter Proteins for Functional Recovery of Salivation,
  - 2 Functional Modulation of secretion applied to Autoimmune diseases,
  - 3 Influence of improvement of salivary secretion on systemic diseases

If you accept our invitation, please indicate and send them;

- 1) The title of your presentation,**
- 2) Choose fields from above themes. (For example, A-1, A-2...)**
- 3) Do you wish to present as a talk or a poster?**

To the organizing committee.

**2. For financial support for Overseas travel and Stay in Okazaki**

Except for JSPS grant, financial basis is not yet fixed (until October 2005). If you could find some grant for your travel for the Stensen III, it should be very helpful for organizing the Stensen III and support many participants. I estimate that the JSPS grant can support fully travel and staying for only 11 overseas participants. The city of Okazaki is local and the accommodation and food are not so high comparing to Tokyo and Osaka. The 5-day cost for one person is around 50k Yen for accommodation and conference dinners. The organizing committee has already started to seek for another 3-4 M Yen.

Please let me know how much support you will require for participation to Stensen III. This question seems curious for you, but the committee thought that this is effective to increase the number of participants.

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- A. Full support (surface travel to Okazaki + airfare\*), staying support (hotels + meals + excursion = 50,000 JYEN)
- B. Staying support (hotels + meals + excursion = 50,000 JYEN)
- C. Young support (partial airfare = 60,000, hotels + meals + excursion = 50,000 JYEN)
- D. Family support (meals + excursion=20,000 JYEN)
- E. No support

- A. Full support will be subdivided to
  - A1) full support airfare (but most economical fare),
  - A2) airfare support 100,000 JYEN,
  - A3) airfare support 70,000 JYEN,
  - A4) airfare support 40,000 JYEN

When you send me e-mail for accept; **please choose above alphabet and number and indicate them.**  
As soon as the financial basis will be fixed, the committee will try to accord your choice as possible and inform you.

For Domestic participants (residents inside of Japan), the organizing committee has not special support plan, but wish to collect a registration fee for 3 dinners, tea/coffee service and entertainment (25000-30000 yen)

### 3. Entertainment

The organizing committee has planned followings.

- 1) We have high possibility to have a concert during the symposium sponsored by Italian Cultural Institute in Tokyo.
- 2) For Bus tour, Miso factory (Japanese Traditional Biomass production) and Toyota Motor Car Factory (will show not only new car building but also Robot playing a trumpet).
- 3) Japanese Classic Dance.
- 4) Japanese cuisine and tea ceremony.

### 4. Deadline for tentative registration and Contact with the organizing committee

To make a basic plan, please **send me your tentative acceptance by 10th December 2005 (Sat)**  
When our financial situation will be fixed, the organizing committee will send detailed information including a program, abstract call, accommodation information, and support.  
If you need a formal invitation letter by separate post, please let me know.

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I am very looking forward to your joining the Stensen Symposium III in Okazaki!

Very best wishes,

Masataka Murakami

14<sup>th</sup> November 2005

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