

**IADR Salivary Research Group Newsletter
2022 IADR/APR General Meeting Edition**



IMPORTANT:

**SRG-IADR Business meeting:
June 16 or June 17 depending on your
time zone:**

China: June 17, 2.00 AM

Eastern Time (USA): June 16, 2.00 PM

Europe: June 16, 8.00 PM

UK: June 16, 7.00 PM

New Zealand: June 17, 6.00 AM

Please ignore previous notifications!



Dear IADR-Salivary Research Group Community,

In a few weeks the 100th Annual Meeting of the IADR will commence. In this newsletter we provide an overview of all SRG activities. We hope to welcome all of you on one of virtual activities of the SRG. The full schedule can be found [here](#)

Our ***VIRTUAL IADR Business Meeting and Award Ceremony*** will be at ***June 16, 2.00 p.m. Eastern Time***. The meeting will be held on the 2022 Annual Meeting Virtual Platform. There was confusion about the date and time. These are the confirmed dates/time depending on your time zone:

China: June 17, 2.00 AM
Eastern Time (USA): June 16, 2.00 PM
Europe: June 16, 8.00 PM
UK: June 16, 7.00 PM
New Zealand: June 17, 6.00 AM

The link to the meeting is [here](#). If you go to the “schedule” tab on the platform it gives you the option to set everything to your time zone. Meeting registration is not required for the business meeting!

Derk Jan Jager
SRG President 2021-2022

IADR-SRG is Supported by:





June 16 or June 17 depending on your time zone:

SRG Business Meeting and Award Ceremony



China: June 17, 2.00 AM
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Wednesday, June 22

Interactive talk.

Salivary Research III: Cancer and Radiation Induced Hyposalivation

China Standard Time: 01:30 PM – 03:30 PM

Central European Time: 07:30 AM – 09:30 AM

Eastern Time (USA): 01:30 AM – 03:30 AM

Objectives:

- Learn about novel biomarkers for oral cancer
- Learn about novel approaches to reduce radiation induced hyposalivation
- Learn about the development of salivary adenoid cystic carcinoma

Presenters: Xinyun Su, Zihui Yang, Lihong Wu, Fei Liu, Sigin Zhang



Thursday, June 23

Symposium. Novel Regenerative Immunotherapies for Restoring Damaged Salivary Gland Function

China Standard Time: 8.00 AM - 9.30 AM

Central European Time: 2.00 AM – 3.30 AM

Eastern Time (USA): 8.00 PM – 9.30 PM WEDNESDAY June 22

Presenters:

- 1. Florent Ginhoux**, Singapore Immunology Network, Singapore. Heterogeneity of tissue-resident macrophages and their specific subtissular niches.
- 2. Kirsten Limesand**, University of Arizona, USA. Wound healing mechanisms for restoring damaged salivary gland function.
- 3. Songlin Wang**, Capital Medical University, Beijing, China. Targeting inflammation for restoring salivary gland function damaged by radiation or autoimmune responses.
- 4. Kihoon Nam**, University of Missouri, USA. Combining immune modulation and tissue engineering for treatment of salivary gland hypofunction

Session supported by:



Keynote Address/Interactive Talk.

New Insights into Salivary Gland Biology and Regeneration

China Standard Time: 11.00 AM – 12.30 PM

Central European Time: 05.00 AM – 06.30 PM

Eastern Time (USA): 11.00 PM – 12.30 PM WEDNESDAY June 22

Objectives:

- To learn from our keynote speaker, **dr Sarah Knox**, about the role of the nerve in regeneration of salivary glands
- To learn about the first Human Fetal Salivary gland single-Cell atlas
- To learn about fabrication of salivary gland models

Presenters: dr. Sarah Knox, Toan Phan, Qing Li, Khurslid Ahmed, Amber Altrieth, Devon Ehnes, Harim Tavares dos Santos



Thursday, June 23

Symposium: Treatment of Radiotherapy Induced Hyposalivation

China Standard Time: 8:00 PM - 9:30 PM (UTC +8)

Central European Time: 2:00 PM – 3:30 PM

Eastern Time (USA): 8:00 AM – 9:30 AM

Presenters:

1. **Rob Coppes**, UMC Groningen, the Netherlands, Use of organoids for post-radiotherapy regeneration of salivary glands.
2. **Catherine Ovitt**, University of Rochester, Adaptive cellular reprogramming functions to regenerate salivary glands after duct ligation but not after irradiation
3. **Matt Hofmann**, NIH, Multiomic approaches identify cellular responses to salivary gland irradiation
4. **Isabelle Lombaert**, University of Michigan, Preclinical therapeutic strategies to repair xerostomia

Friday, June 24

Interactive talk. Salivary Research II: Saliva and Oral Health

China Standard Time: 11.00 AM - 12:30 PM

Central European Time: 05.00 AM – 06.30 PM

Eastern Time (USA): 11.00 PM – 12.30 PM THURSDAY June 23

Objectives:

- Learn about the effect of the salivary pellicle and its modification on erosion and dental restorations
- Learn about the relationship between caries and salivary dysfunction
- Learn about the relationship between periodontitis and the salivary microbiome

Presenters: Rasha Alharthi, Hongying Hu, Dina Moussa, Mayank Kakkar, Qianyi Deng, Xinzhu Zhou, Yiping Wei, Nil Yakar, Latifa Berrezouga



Friday, June 24

Focused Learning Session

Treatment of Xerostomia and Hyposalivation: Ductal Irrigation and Sialendoscopy (ticketed event)

China Standard Time: 12:45 PM to 1:45 PM

Central European Time: 6.45 AM – 7.45 AM

Eastern Time (USA): 12:45 AM - 1:45 AM

Presenter: Derk Jan Jager

1. This session will provide the participants with an expanded knowledge of available treatment modalities for hypo-salivation and xerostomia.
2. The participant will receive an introduction in the use of and technical skills involved in performing intraductal irrigation and sialendoscopy. Also possible difficulties and contra-indications are discussed.
3. The participant will be able to select patients who are eligible for one of these treatments.

Symposium

Traditional Medicine to Relieve Hyposalivation

China Standard Time: 2:00 PM - 3:30 PM (UTC +8)

Central European Time: 8:00 AM – 9:30 AM

Eastern Time (USA): 2:00 AM - 3:30 AM

1. **Prof. Xinyao Zhou.** Guanganmen Hospital. Brief overview of Chinese herbal medicine and acupuncture on hyposalivation
2. **Prof. Hong Hua,** Peking University School and Hospital of Stomatology. Application of traditional Chinese medicine in oral diseases, especially xerostomia
3. **Prof. Li.** Chinese herbal medicine in treatment of immunological diseases: with emphasis on Sjogren's syndrome.
4. **Prof. Baomin Zheng.** Beijing Cancer Hospital. Chinese herbal medicine in treatment of radiotherapy related hyposalivation



Friday, June 24

Symposium: Pellicle Engineering – a Fascinating Approach in Preventive Dentistry

China Standard Time: 8:00 PM - 9:30 PM (UTC +8)

Central European Time: 2:00 PM – 3:30 PM

Eastern Time (USA): 8:00 AM – 9:30 AM

Presenters:

1. Matthias Hannig: The acquired pellicle - an underestimated, but upgradable guardian of our teeth
2. Marilia Buzalaf: Acquired pellicle engineering with proteins/peptides to protect against caries and erosion
3. Thiago Carvalho: Pellicle engineering with bioproducts - prevention of erosive tooth wear
4. Walter Siqueira: Design of Novel Pellicle Peptide Constructs bioinspiring preventive strategies.

Saturday , June 25

Interactive talk: Salivary Research IV: Saliva and Salivary Gland Function in Health and Disease

China Standard Time: 11.00 AM - 12:30 PM

Central European Time: 05.00 AM – 06.30 PM

Eastern Time(USA): 11.00 PM – 12.30 PM FRIDAY June 24

- Learn about novel approaches in the diagnosis and treatment of Sjogren’s syndrome
- Learn about taste and smell dysbiosis in SARS-COV-2 infection
- Learn about saliva and wound healing

Presenters: Debora Heller, Sijia Song, Xiangyu Sun, Pornchanok Sangsuriyothai, Hend Algaderi, Rossana Izzetti, Yuanyi Xiang, Yan Can



Saturday June 25

Symposium:

Assessment of Oral Dryness

China Standard Time (UTC +8): 2:00 PM - 3:30 PM

Central European Time: 8:00 AM – 9:30 AM

London (UK): 7.00 AM – 8.30 AM

New Zealand (Dunedin): 6:00 PM – 7:30 PM

Eastern Time (USA): 2:00 AM - 3:30 AM

Presenters:

1. **Murray Thomson** (University of Otago, New Zealand):
The development of xerostomia questionnaires.
2. **Stephen Challacombe** (King's College London, UK): The
CODS as clinical indicator of oral dryness
3. **Henk Brand** (Academic Centre for Dentistry Amsterdam,
the Netherlands): Intra-oral variation in oral dryness
4. **Zainab Assy** (Academic Centre for Dentistry Amsterdam,
the Netherlands): Differences in oral dryness affect dry-
mouth interventions in patients suffering from
xerostomia.



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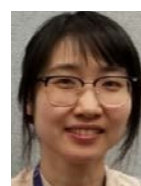
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