



IADR Salivary Research Group Newsletter May Edition



In this edition:

Prizewinners

A new SRG sponsor

Elections announcement

Free SRG Webinar announcement

**Save the date: SRG-IADR Business
meeting: June 16, 10.00AM ET**

**And we look back at our 2022
AADOCR/CADR meeting and look
forward to our 2022 IADR/APR
General meeting in Chengdu!**



Dear friends of the IADR-Salivary Research Group

In this newsletter we update you about:

- The MeiraGTx-IADR Salivary Research Award prize winners (AADOCR Atlanta edition)
- Our new sponsor: KSL Biomedical
- Elections announcement
- Our upcoming free SRG-CADR webinar about Covid-19, saliva and dentistry

and we look back on the **AADOCR/CADR meeting** and forward at the **IADR/APR General Meeting** in Chengdu (including schedule of all our activities)!

Derk Jan Jager
SRG President 2021-2022

IADR-SRG is Supported by:



AADOCCR-MeiraGTx Salivary Research Award Winners 2022

Pre-doctoral category:

Gabriel Valencia - University at Buffalo, NY, USA

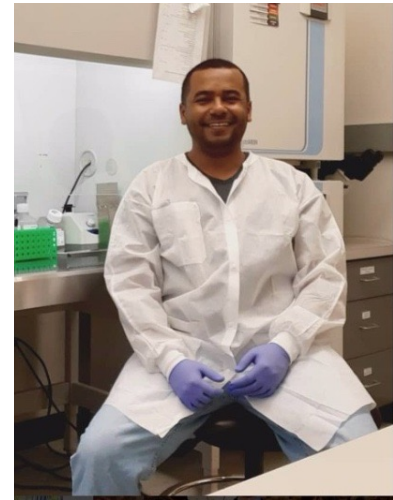
Title: CD180 Expression On B Cells In Primary Sjogren's Syndrome Mice



Post- doctoral category

Harim Tavares dos Santos - Uni of Missouri, USA

Title: Laminin-1 Peptides in Trimeric Arrangement Improves Salivary Gland Function



PhD-student category

Braxton Noll – Carolinas Healthcare, Charlotte, NC, USA

Title: Sjögren's Syndrome: Regulation of MMP9 Expression by ETS1



Salivary Research Awards are sponsored by:



KSL Biomedical supports IADR-SRG

We are happy to announce that KSL Biomedical will be supporting several of our symposia during the Chengdu IADR General Meeting (2022) and the Portland AADOCR meeting (2023).

They are based in Buffalo, Jiangsu (China) and Toronto Canada and they are specialized in translational medicine impacting immunology, oncology and genomics.

See [here](#) for more information.

We would like to thank KSL Biomedical for their generous support and Jill Kramer (University of Buffalo) for her help in finding new SRG sponsors!



Elections: VP and Treasurer

Join our Group and/or inspire our future leaders to join us. Successful candidates will begin their terms at the conclusion of the 2023 IADR Conference (Bogota).

Vice-President: 1-year term, followed by a 1-year term as President-Elect, President, and Immediate Past-President

Treasurer: 3-year term

For additional information, including position responsibilities and descriptions and to nominate yourself, see [here](#)

Deadline: Friday, June 17 2022

We are very grateful to our 2022-2023 financial supporters:



A new IADR-SRR/CADR activity: Free Webinar!

On behalf of Deborah Heller and Walter Siquira we are happy to announce that we will be organizing a **free webinar** in cooperation with the Canadian Association for Dental Research

COVID-19, Saliva and Dentistry: the discoveries and the lessons that will stay with us forever.

This webinar will highlight the discoveries on the significance of the oral cavity and saliva with regard to the recent Coronavirus pandemic. Discoveries made by dental scientists worldwide and the impact of the pandemic in Dentistry will be discussed. Finally, the lessons learned from this pandemic, and how we can be better prepared to fight future pandemics will be addressed.

Speakers:

Deborah Heller (Universidade Cruzeiro do Sul and Researcher at Hospital Israelita Albert Einstein, São Paulo, Brazil)

Walter Siquira (University of Saskatchewan, Saskatoon, Canada)



When?

Will be announced as soon as possible



2022 AADOCR/CADR Atlanta meeting



We'd like to thank all of our wonderful SRG members for an engaging 2022 AADOCR/CADR General Session.

Whether you attended in-person or virtually, we hope that you had a chance to learn about the most recent salivary research at several of our interactive talks, hands-on workshops, and symposia. A special thanks to our

Keynote speaker, Dr. Kirsten Limesand, for kicking off our first day of events despite travel delays and to our program chair, Dr. Kimberly Jasmer, for phoning her in for the Q&A. The students and postdocs that presented during the interactive talks were particularly impressive. Other highlights included our sessions on saliva as a diagnostic tool (including in SARS-CoV-2 detection), a fantastic discussion at our symposium on salivary gland ductal cells, an interactive panel discussion on salivary research careers, and a workshop on employing multiomics techniques to expand our salivary research tool kit. If you attended – either virtually or in-person – and had to miss a session, **all recordings are still on the online AADOCR platform for your viewing.** Additionally, some of our SRG members that attended in-person adventured into the city for dinner and ice cream (see pictures). **We hope to see a larger group of SRG members in-person next year in Portland, Oregon!**



Christina Jones and Kimberly Jasmer





IADR/APR 2022: Chengdu, China (**VIRTUAL** format)

The final program for the IADR General Meeting is announced.
See below and next pages for all our SRG activities.
Registration is still possible!!

Thursday, June 16

SRG Business Meeting and Award Ceremony

China Standard Time: 10:00 PM – 11:00 PM

Central European Time: 04:00 PM – 05:00 PM

Eastern Time (USA): 10:00 AM – 11:00 AM

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

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

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

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

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

- 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.



Your SRG 2021-2022 Committee

President

Dr. Derk-Jan Jager

Amsterdam University Medical Center, NL
Email: d.jager@amsterdamumc.nl



President-Elect Dr. Mike Passineau

MeiraGTX, NY, USA
Email: mike.passineau@meiragtx.com



Vice-President Dr. Simon Tran

McGill University, Montreal, Canada
Email: simon.tran@mcgill.ca



**Immediate
past-
president**

Dr. Isabelle Lombaert
University of Michigan, MI, USA
Email: lombaert@umich.edu



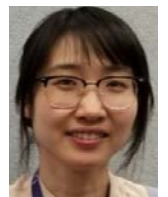
**Secretary -
Treasurer**

Dr. Kihoon Nam (2020-2023)
University of Missouri, MO, USA
Email: kihoon.nam@health.missouri.edu



Councilor

Dr. Xinyun Su (2021-2024)
McGill University, Montreal, Canada
Email: xinyun.su@mail.mcgill.ca



**Group
Program
Chair**

Dr. Kim Jasmer (2020-2023)
University of Missouri, MO, USA
Email: jasmerk@missouri.edu



**Public
Relations
Officer**

Christina Jones (2021-2023)
University of Michigan, MI, USA)
Email:cejone@umich.edu

