



IADR

INTERNATIONAL ASSOCIATION
FOR DENTAL, ORAL, AND
CRANIOFACIAL RESEARCH
SALIVARY RESEARCH

IADR SALIVARY RESEARCH GROUP (SRG) NEWSLETTER

FEBRUARY 2025 EDITION

2025 AADOCR/CADR ANNUAL MEETING & EXHIBITION SCHEDULE

RECENT PUBLICATIONS IN SALIVARY RESEARCH

UPCOMING EVENTS

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THIS IS WHERE THE PAST AND THE FUTURE CONNECT.

Dear Friends and Colleagues,

I hope this newsletter finds you well. Happy 2025!

As we begin this new year, I am delighted to share the program schedule for the upcoming **AADOCR/CADR meeting**. I want to recognize and express our appreciation for our **Group Program Chair, Harim Tavares**, and everyone involved in organizing the sessions. I am particularly proud of the numerous **collaborative sessions** we have this year—reinforcing our firm belief that **collaboration is the most powerful way to generate scientific knowledge**. And in our case, as **salivary researchers**, this knowledge translates into **meaningful, positive impacts on patient care, oral health, and lives!**

I would also like to highlight two sessions that are particularly important to our group and invite you to reflect on their significance.

Our traditional **GenNext Symposium: Oral Health Research by Trainees and Early Career Scientists** remains a cornerstone of our mission. By empowering trainees and early-career researchers to present their work, we **energize the advancement of oral health research**. **This is the future**. And I know you will agree that for the future to thrive, we must always, always honor our mentors and the pioneers of **salivary research**.

That is why, this year, we are introducing a new session, which we hope will also become a lasting tradition: **Legacy of Innovation: Honoring Pioneers in Salivary Research**.

Conceived by Dr. Lawrence Tabak, this symposium is a tribute to the giants of **salivary research**—**Drs. Irwin Mandel, Leo Sreebny, Dan Malamud, and Libuse Bobek**—each of whom made **remarkable contributions** to our field. This posthumous symposium will **celebrate their scientific legacies**, reflect on their **groundbreaking work and mentorship**, and foster discussions on how their discoveries continue to shape **contemporary research**. This symposium is not only a celebration of innovation but also a commitment from the **Salivary Research Group** to honor the **pioneers whose work continues to inspire us**.

This is where the past and the future connect. And I am sure you will agree—this is our **Salivary Research Group**.

With that, my dear friends, I truly look forward to seeing everyone in New York City for what promises to be an exceptional meeting!

Warm regards,
Debora Heller
President, Salivary Research Group

WEDNESDAY,

MAR 12

Unraveling Sjögren's Disease: Toll-Like Receptors, TYK2, and T Cell Mechanisms

LOCATION: • 410

10:30AM - 12:00PM (EASTERN)

SESSION TYPE

SYMPOSIUM

SPONSORING SCIENTIFIC GROUP/NETWORK

MICROBIOLOGY/IMMUNOLOGY - ORAL MEDICINE & PATHOLOGY - SALIVARY RESEARCH

GenNext: Oral Health Research by Trainees and Early Career Scientists.

LOCATION: • 410

1:30PM - 3:00PM (EASTERN)

SESSION TYPE

SYMPOSIUM

SPONSORING SCIENTIFIC GROUP/NETWORK

SALIVARY RESEARCH

THURSDAY,

MAR 13

Advancements in Oral Cancer: Single-Cell Proteomics to Targeted Treatments

LOCATION: • 410

8:00AM - 9:30AM (EASTERN)

SESSION TYPE

SYMPOSIUM

SPONSORING SCIENTIFIC GROUP/NETWORK

ORAL MEDICINE & PATHOLOGY - SALIVARY RESEARCH - STEM CELL BIOLOGY RESEARCH

Salivary Gland Inflammation, Immunity and Disease Mechanisms

LOCATION: • HALL 3

11:00AM - 12:15PM (EASTERN)

SESSION TYPE

POSTER SESSION

SPONSORING SCIENTIFIC GROUP/NETWORK

SALIVARY RESEARCH

Inflammatory Pathways in Salivary Dysfunction

LOCATION: • 410

1:30PM - 3:00PM (EASTERN)

SESSION TYPE

SYMPOSIUM

SPONSORING SCIENTIFIC GROUP/NETWORK

MICROBIOLOGY/IMMUNOLOGY- ORAL MEDICINE & PATHOLOGY - SALIVARY RESEARCH

IADR SALIVARY RESEARCH GROUP BUSINESS MEETING AND RECEPTION

LOCATION: 411

5:00PM - 7:00PM (EASTERN)

FRIDAY,

MAR 14

Salivary Secrets: Revealing Oral Microbial Dynamics

LOCATION: • 410

8:00AM - 9:30AM (EASTERN)

SESSION TYPE

SYMPOSIUM

SPONSORING SCIENTIFIC GROUP/NETWORK

CARIOLOGY RESEARCH - MICROBIOLOGY/IMMUNOLOGY - PERIODONTAL RESEARCH - SALIVARY RESEARCH

Insights into Salivary Gland Repair and Function Preservation

LOCATION: 410

1:30PM - 3:00PM (EASTERN)

SESSION TYPE

SYMPOSIUM

SPONSORING SCIENTIFIC GROUP/NETWORK

SALIVARY RESEARCH - STEM CELL BIOLOGY RESEARCH

Sjögren's Disease Advances: Oral/Systemic Management, Patient Insights, Research

LOCATION: 411

1:30PM - 3:00PM (EASTERN)

SESSION TYPE

SYMPOSIUM

SPONSORING SCIENTIFIC GROUP/NETWORK

BEHAVIORAL, EPIDEMIOLOGIC, AND HEALTH SERVICES RESEARCH - CARIOLOGY RESEARCH - ORAL MEDICINE & PATHOLOGY - SALIVARY RESEARCH

Salivary Gland Therapies, Proteomics and Microbiome Innovations

LOCATION: HALL 3

3:15PM - 4:30PM (EASTERN)

SESSION TYPE

POSTER SESSION

SPONSORING SCIENTIFIC GROUP/NETWORK

SALIVARY RESEARCH

SATURDAY,

MAR 15

Legacy of Innovation: Honoring Pioneers in Salivary Research

LOCATION: • 406.3

9:30AM - 11:00AM (EASTERN)

SESSION TYPE

SYMPOSIUM

SPONSORING SCIENTIFIC GROUP/NETWORK

SALIVARY RESEARCH

Keynote Address; Updates on the Pathogenesis and Treatment of Salivary Gland Disorders

LOCATION: • 405.1

1:30PM - 3:00PM (EASTERN)

SESSION TYPE

ORAL SESSION

SPONSORING SCIENTIFIC GROUP/NETWORK

SALIVARY RESEARCH

Oral Biomarkers as Indicators of Periodontal, Peri-Implant, and Systemic Health

LOCATION: • 406.3

1:30PM - 3:00PM (EASTERN)

SESSION TYPE

SYMPOSIUM

SPONSORING SCIENTIFIC GROUP/NETWORK

IMPLANTOLOGY RESEARCH - PERIODONTAL RESEARCH - SALIVARY RESEARCH

RECENT PUBLICATIONS



Garcia-Junior MA, Andrade BS, Lima AP, Soares IP, Notário AFO, Bernardino SS, Guevara-Vega MF, Honório-Silva G, Munoz RAA, Jardim ACG, Martins MM, Goulart LR, Cunha TM, Carneiro MG, Sabino-Silva R. Artificial-Intelligence Bio-Inspired Peptide for Salivary Detection of SARS-CoV-2 in Electrochemical Biosensor Integrated with Machine Learning Algorithms. Biosensors (Basel). 2025 Jan 28;15(2):75. doi: 10.3390/bios15020075. PMID: 39996977; PMCID: PMC11853606.

Tryposkiadis K, Nayar S, Pucino V, Smith CG, Brown RM, Bates T, Bowman SJ, Sitch A, Price M, Barone F, Deeks J, Fisher BA. Increasing the number of minor salivary glands from patients with Sjögren's disease improves the diagnostic and measurement precision of the histological focus score. *Ann Rheum Dis*. 2025 Feb 17:S0003-4967(25)00188-8. doi: 10.1016/j.ard.2025.01.038. Epub ahead of print. PMID: 39966040.

Li J, Tan LX, Sun B, Griffin N, Niknezhad SV, Yu C, Berthoin L, Cruz-Pacheco N, Mohabbat S, Sinada H, Efraim Y, Ting Chen FY, An L, Gaylord EA, Bahney CS, Lombaert IMA, Knox SM. Chronic degenerative failure of salivary glands can be reversed through restoring mitochondrial function. bioRxiv [Preprint]. 2025 Jan 2:2024.12.31.630834. doi: 10.1101/2024.12.31.630834. PMID: 39803569; PMCID: PMC11722244.

Fernandes Matuck B, Huynh K, Pereira D, Zhang X, Kunz M, Kumar N, Easter QT, Fernandes A, Ghodke A, Predeus A, Szabo L, Harnischfeger N, Khavandgar Z, Beach M, Perez P, Nilges B, Moreno M, Ko K, Teichmann S, Kimple A, Pringle S, Kretzschmar K, Warner BM, Sequeira I, Liu J, Byrd KM. The Immunoregulatory Architecture of the Adult Oral Cavity. *bioRxiv [Preprint]*. 2024 Dec 2:2024.12.01.626279. doi: 10.1101/2024.12.01.626279. PMID: 39677739; PMCID: PMC11642830.

Ferreira J, Jimenez M, Cerqueira A, Rodrigues da Silva J, Souza B, Berard L, Bachi ALL, Dame-Teixeira N, Coto N, Heller D. Saliva as a diagnostic tool in soccer: a scoping review. PeerJ. 2024 Oct 14;12:e18032. doi: 10.7717/peerj.18032. PMID: 39421430; PMCID: PMC11485103.

Nazmi K, Faruque MRJ, Ligtenberg AJM, Pots H, Kaman WE, Laine ML, Assy Z, Bikker FJ. A technical note on the Kamranmeter; a manually operated device for measuring salivary spinnbarkeit. *Clin Oral Investig*. 2024 Nov 22;28(12):651. doi: 10.1007/s00784-024-06047-w. PMID: 39572447.



UPCOMING MEETINGS

**IADR/PER General Session & Exhibition June 25-28,
2025 Barcelona, Spain 103rd General Session &
Exhibition of the IADR IADR Pan European Regional
Congress**

<https://www.iadr.org/2025iags/>

WOULD YOU LIKE TO FEATURE AN UPCOMING MEETING HERE? PLEASE REACH
OUT TO OUR PUBLIC RELATIONS OFFICER AT: ANDREA.ESCALANTE@USASK.CA

YOUR IADR-SRG 2024-2025 COMMITTEE



Debora Heller

Position: President
Term Dates: 3/16/2024-6/28/2025
Brazilian Division



Kihoon Nam

Position: Secretary/Treasurer
Term Dates: 3/16/2022-3/16/2025
American Division



Kimberly Jasmer

Position: President-elect
Term Dates: 3/16/2024-6/28/2025
American Division



Bruno Spiljak

Position: Councilor
Term Dates: 3/16/2024-6/26/2027
Continental European Division



Kevin Byrd

Position: Vice-president
Term Dates: 3/16/2024-6/28/2025
American Division



Harim Tavares dos Santos

Position: Group Program Chair
Term Dates: 6/25/2022-6/28/2025
American Division



Andrea Escalante

Position: Public relations
Term dates: 3/16/2024-6/28/2025
Canadian division

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