



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

IADR SALIVARY RESEARCH
GROUP (SRG) NEWSLETTER

AUGUST 2024 EDITION



TRIBUTE TO DR. COLIN DAWES

2024
IADR/AADOCR/CADR
GENERAL SESSION &
EXHIBITION

RECENT PUBLICATIONS IN
SALIVARY RESEARCH

UPCOMING EVENTS



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SALIVATION ARMY TRIBUTE TO DR. COLIN DAWES

Dear friends and colleagues,

With our profound respect and admiration, we dedicate this edition of the Salivary Research Group newsletter to the memory of Dr. Colin Dawes (may his memory be a blessing). Dr. Dawes was a true pioneer in salivary research, not only as a scientist but an inspiration to dentists, scientists, professors, and researchers around the world. His groundbreaking work laid the foundation for our current understanding of salivary physiology, influencing generations of scientists and clinicians.

For over five decades, Dr. Dawes devoted his career to unraveling the mysteries of saliva, a vital bio-fluid that was often overlooked by the scientific community. His numerous contributions to the field are immense, ranging from his studies on salivary flow and composition to his innovative techniques in saliva collection. Dr. Dawes was not only a pioneer leader but also a proud member of the "Salivation Army," a title he wore with honor.

Dr. Dawes' legacy will continue to inspire and guide us as we strive to achieve his dream: that saliva becomes an integral part of dental education worldwide, and that dentists routinely measure patients' salivary flow rate. His impact on our field is immeasurable, and his work will live on through all of us who continue to explore the vital role of saliva in health and disease.

Debora Heller
Salivary Research Group President



CADR Past Presidents (l-r): Drs. Tonzetich, Sessle, Dawes, and Sandham.



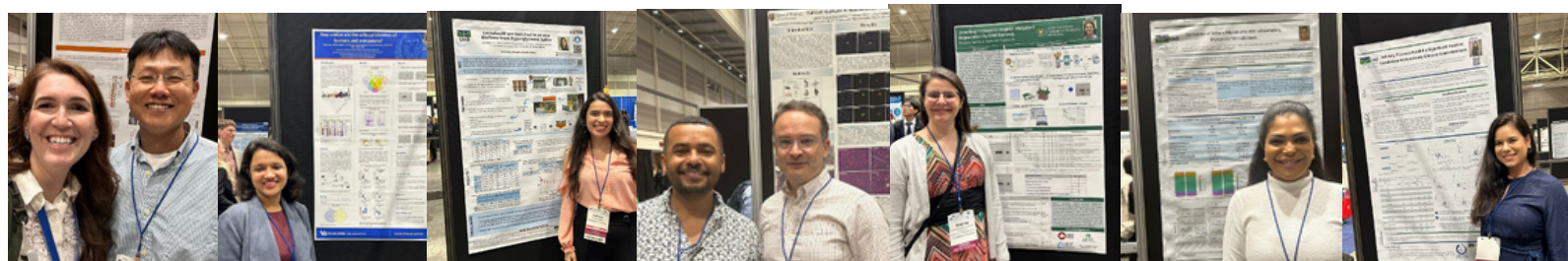
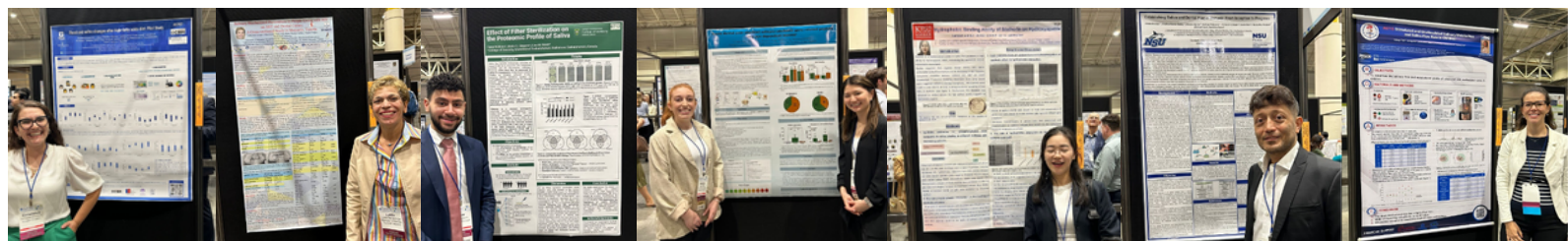
2024 IADR/AADOCR/CADR GENERAL SESSION & EXHIBITION HIGHLIGHTS AND AWARDS

From March 13-16, 2024, the vibrant city of New Orleans, LA, hosted the 2024 IADR/AADOCR/CADR General Session & Exhibition. Engaging discussions were sparked, highlighting the growing recognition of saliva's critical role in dental and medical research. Organized by the Saliva Research Group (SRG), the event featured 5 Oral/Poster Sessions, 1 Workshop and 13 Symposia, including our now traditional GenNext symposium.

We extend our sincere thanks to our program chair, Harim Tavares, as well as all the speakers, presenters, and attendees who contributed to the success of this event.

Special congratulations to Prof. Nisha J. D'Silva, the recipient of the Salivary Researcher of the Year award, and to the student awardees for Best Abstract: Gerson Aparecido Foratori Júnior, Achamaporn Punnanitnont, Bijan Mahboubi, Letícia Reis, and Brittany Rupp.

We are excited to announce that the **upcoming AADOCR/CADR meeting** will take place in New York, NY, from March 12-15, 2025. We encourage all researchers to submit their abstracts and share their latest findings with our community. The **abstract submission deadline is October 22, 2024**, at 11:59 p.m. PT. Don't miss the opportunity to contribute to the future of dental and salivary research.



RECENT PUBLICATIONS

Lalla RV, Helgeson ES, Virk K, Lu H, Treister NS, Sollecito TP, Schmidt BL, Patton LL, Lin A, Brennan MT. Females have lower salivary flow than males, before and after radiation therapy for head/neck cancer. *Oral Dis*. 2024 Jul 15. doi: 10.1111/odi.15068. Epub ahead of print. PMID: 39005202. <https://onlinelibrary.wiley.com/doi/10.1111/odi.15068>

Alqedari H, Altabtbaei K, Espinoza JL, Bin-Hasan S, Alghounaim M, Alawady A, Altabtabae A, AlJamaan S, Devarajan S, AlShammari T, Ben Eid M, Matsuoka M, Jang H, Dupont CL, Freire M. Host-microbiome associations in saliva predict COVID-19 severity. *PNAS Nexus*. 2024 Mar 25;3(4):pgae126. doi: 10.1093/pnasnexus/pgae126. PMID: 38617584; PMCID: PMC11010653. <https://academic.oup.com/pnasnexus/article/3/4/pgae126/7634662>

Špiljak B, Šimunović L, Vilibić M, Hanžek M, Crnković D, Lugović-Mihić L. Perceived Stress, Salivary Cortisol, and Temperament Traits among Students of Dental Medicine: A Prospective and Interventional Study. *Behav Sci (Basel)*. 2024 Mar 31;14(4):289. doi: 10.3390/bs14040289. PMID: 38667086; PMCID: PMC11047594. <https://www.mdpi.com/2076-328X/14/4/289>

Nam K, Dos Santos HT, Maslow FM, Small T, Shanbhag V, Petris MJ, Baker OJ. Copper chelation reduces early collagen deposition and preserves saliva secretion in irradiated salivary glands. *Heliyon*. 2024 Jan 11;10(2):e24368. doi: 10.1016/j.heliyon.2024.e24368. PMID: 38298614; PMCID: PMC10828693. <https://www.sciencedirect.com/science/article/pii/S2405844024003992?via%3Dihub>

Muñoz Forti K, Weisman GA, Jasmer KJ. Cell type-specific transforming growth factor- β (TGF- β) signaling in the regulation of salivary gland fibrosis and regeneration. *J Oral Biol Craniofac Res*. 2024 May-Jun;14(3):257-272. doi: 10.1016/j.jobcr.2024.03.005. Epub 2024 Mar 21. PMID: 38559587; PMCID: PMC10979288. <https://www.sciencedirect.com/science/article/pii/S2212426824000393?via%3Dihub>

Pillai S, Munguia-Lopez JG, Tran SD. Bioengineered Salivary Gland Microtissues—A Review of 3D Cellular Models and their Applications. *ACS Appl Bio Mater*. 2024 May 20;7(5):2620-2636. doi: 10.1021/acsabm.4c00028. Epub 2024 Apr 9. PMID: 38591955. <https://pubs.acs.org/doi/epdf/10.1021/acsabm.4c00028>

**WOULD YOU LIKE TO SEE YOUR RESEARCH FEATURED HERE?
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ANDREA.ESCALANTE@USASK.CA**

UPCOMING MEETINGS AND OPPORTUNITIES

Salivary Glands and Exocrine Biology
Gordon Research Conference
Preclinical Modeling, Engineering and Therapeutics for Glandular Diseases
<https://www.grc.org/salivary-glands-and-exocrine-biology-conference/2025/>

2025 AADOCR/CADR Annual Meeting & Exhibition
March 12-15, 2025 New York, NY, USA
54th Annual Meeting & Exhibition of the AADOCR
49th Annual Meeting of the CADR
<https://www.aadocr.org/2025aaam/>

2025 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/>

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YOUR IADR-SRG 2023-2024 COMMITTEE

Group officers:



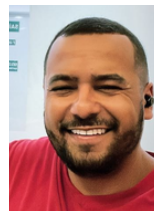
Debora Heller
Position: President
Term Dates: 3/16/2024-
6/28/2025
Brazilian Division



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



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



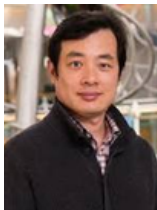
Harim Tavares dos Santos
Position: Group Program Chair
Term Dates: 6/25/2022-
6/28/2025
American Division



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



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



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

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