

Minutes of the 2021 IADR Neuroscience Group Business Meeting

July 13, 2021, 4.00-5.00 pm EDT

The business meeting was opened with the Welcome remarks by Dr. Daniela Gonçalves, the President and chair of the Business Meeting. She presented the Current officers and Councilors: President (Daniela Gonçalves); President-Elect (Aníbal Diogenes); Vice-President (Nikolaos Giannakopoulos); Secretary/Treasurer (Yoshizo Matsuka); Councilor (Somsak Mitrirattanakul), Immediately Past President (Maria Pigg), Public relation officer (Iacopo Cioffi).

The meeting agenda was reviewed and agreed. The minutes of 2020 have been available to all members on the Group Website.

Next, Dr. Gonçalves presented the status report on the Neuroscience group.

Events planned for the 99th General Session & Exhibition of the IADR, July 21-24, 2021:

a) Keynote Speaker:

Dr. Gilles Lavigne (Université de Montréal, Quebec, Canada) gave his Keynote Address “Decrypting the Coincidental & the Causal Roles of Comorbidities in Dental Sleep Medicine: Overview and New Avenues” as the opening presentation of the oral session “Sleep, Pain & Brain”



b) “IADR Neuroscience Group Investigator Awards by Wiley-Blackwell Journal of Oral Rehabilitation.” The competition for this award took place Monday, July 12, 2021. We had 3 Pre-Doctoral and 3 for the Post-Doctoral contestants (one of them missed the presentation).

c) Six symposia sponsored or co-sponsored by our Group:

I. “Neuroimaging and Dentistry: Translational Research Based on Brain Imaging”.

Sponsored by the Neuroscience Group. Organizers: Peggy Lee. Wednesday, July 21, 8:00 PM - 9:30 AM EDT. Speakers: Swati Rane, Massieh Moayed, Mohit Kothari, Tazuko Goto. Chairs: Peggy Lee, Chia-Shu Lin, Mats Trulsson.



II. “The Circle of Dental Sleep Disorders”.

Sponsored by the Neuroscience Group. Organizer: Frank Lobbezoo, Ghizlane Aarab. Thursday, July 22, 8:00 AM - 9:30 PM EDT. Speakers: Ghizlane Aarab, Peter Svensson, Daniele Manfredini, Takafumi Kato. Chair: Ghizlane Aarab, Frank Lobbezoo.

The Circle of Dental Sleep Disorders

III. “Neural Mechanisms of Painful TMJ Pathologies and Their Clinical Implications”.

Sponsored by the Neuroscience Group. Organizers: Man-Kyo Chung, Yu Shin Kim. Thursday, July 23, 8:00 AM - 9:30 AM EDT. Speakers: Barry Sessle, Feng Tao, Akimasa Tashiro, Yu Shin Kim. Chair: Man-Kyo Chung, Koichi Iwata, Yu Shin Kim.



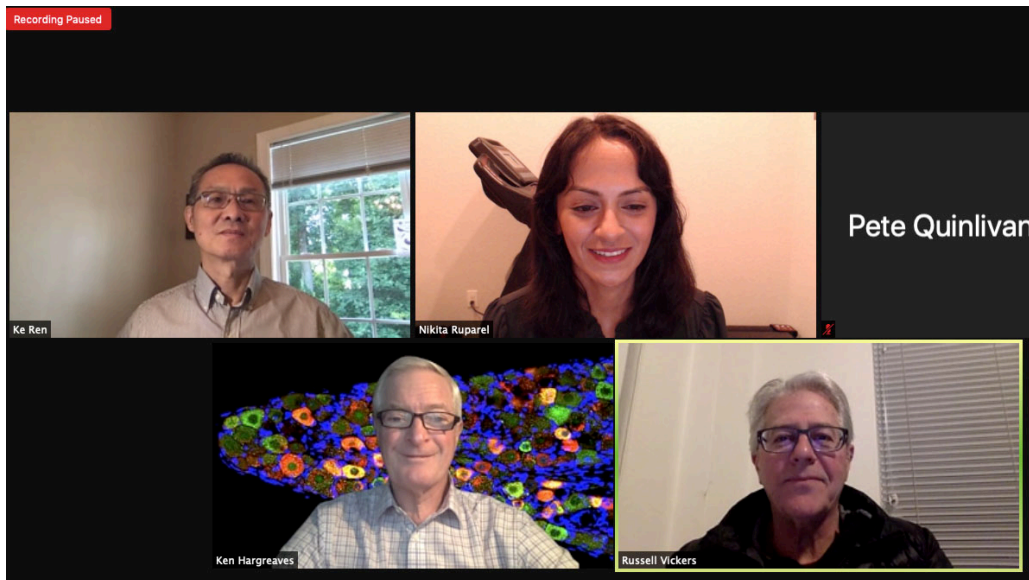
IV. “Evolving Therapies to Maintain Vital DentinPulp Complex: 100 Years of Innovation”. Sponsored by the Neuroscience Group. Organizer: Fionnuala Lundy, Ikhlas El Karim, Hal Duncan. Saturday, July 23, 8:00 AM - 9:30 AM EDT. Speakers: Helena Fransson, Ikhlas El Karim, Kerstin Galler, Hal Duncan. Chair: Hal Duncan, Ikhlas El Karim, Fionnuala Lundy.



V. “Orofacial Pain, Aging, and Health Services: Synthesizing the Career of Marc Heft”. Sponsored by the Neuroscience Group. Organizer: Daniel McNeil. Saturday, July 23, 2:00 PM - 3:30 PM EDT. Speakers: R. Paul Duncan, Richard Ohrbach, Ken Hargreaves, Joseph Riley, Gregg Gilbert, Valeria Gordan. Chair: Daniel McNeil.



VI. “Stem Cell-Based Therapies for Treatment of Chronic Orofacial Pain Conditions”. Sponsored by the Neuroscience Group. Organizer: Nikita Ruparel, Ken Hargreaves. Saturday, July 24, 8:00 AM - 9:30 AM EDT. Speakers: Nikita Ruparel, Ke Ren, Russell Vickers. Chair: Ken Hargreaves, Nikita Ruparel.



d) One Keynote Presentation: “Decrypting the Coincidental & the Causal Roles of Comorbidities in Dental Sleep Medicine: Overview and New Avenues” by the recipient of the 2021 Senior Investigator Award by the IADR Neuroscience Group:

Gilles Lavigne Wednesday, July 22, 2:00 - 2:30 PM EDT.

The keynote presentation was part of an oral session, see below.

e) One focused learning session:

“CRISPR Technology for Generation of Genetically Engineered Mouse Models”.

Sponsored by the Neuroscience Group. Organizer: Advait Limaye, Ashok B.

Kulkarni. Thursday, July 22, 12:30 PM - 1:45 PM EDT. Speaker: Andrew Cho.

f) One oral session with a total of 4 abstracts:

Sleep, Pain & Brain

Wednesday, July 22, 2:30 PM - 3:30 PM EDT.

g) Four Poster sessions with a total of 32 abstracts

I. Neurobiology of Orofacial Pain & Function

Wednesday, July 21, 11:00 AM - 12:00 PM EDT

II. Orofacial Pain: From Mechanisms to Treatment

Thursday, July 22, 11:00 AM - 12:00 PM EDT

III. Oral Function, Pain & Neuroplasticity

Thursday, July 22, 3:45 PM - 4:45 PM EDT

IV. Clinical & Experimental Methods in Orofacial Pain

Friday, July 23, 11:00 AM - 12:00 PM EDT

Total number of abstracts submitted to IADR Neuroscience Group: 41.

Abstracts presented at the meeting: 39.

Rejection rate: 4.87%.

Financial and membership report (Yoshizo Matsuka)

a) Financial status:

Balance on Dec 31, 2018: US \$ 12,985.86

Balance on Dec 31, 2019: US \$ 12,991.08

Balance on Dec 31, 2020: US \$ 16,989.08

Incomes in 2020: US \$ 2,854.00

Balance on March 31, 2021: US \$ 17,782.08

b) Membership status:

2019 – Total membership: 282

Full members: 167

Retired members: 19

Student members: 96

2020 – Total membership: 246

Full members: 142

Retired members: 21

Student members: 83

2021 (150 members total; March 1, 2021)

Full members: 93

Retired members: 19

Student members: 38

The Executive Committee proposes the following Executive Committee for the next Business Year (2021 - 2022) and council representatives:

President: Aníbal Diogenes

President-elect: Nikolaos Giannakopoulos

Vice-President: Yoshizo Matsuka

Secretary/Treasurer: Takashi Iida (3-year term: 2021 - 2024)

Councilor: Somsak Mitirattanakul (3-year term: 2020 - 2023)

Public relation officer: Iacopo Cioffi

The 3 candidates for the Vice-president position for which election will occur in the fall of 2021, are: Limor Avivi-Arber, Man-Kyo Chung, Nikolaos Christidis.

Report for public relations

Iacopo Cioffi highlighted the need to establish a solid communication strategy, which could engage trainees and help develop collaborative work among different research

laboratories and will eventually help attract new members. It was discussed to expand the current information available on the website (<https://www.iadr.org/IADR/Join-Renew/Groups-Networks/Neuroscience-Group/About-the-Neuroscience-Group>) by including specific information about the investigators/research groups linked to IADR Neuroscience (e.g., name of members, contact information/website, summary of research activities). Videos highlighting the research activities of some IADR Neuroscience members and describing their career path could be also included to attract and engage potential new members. The branding of the group is another aspect that was discussed in the business meeting. It was noted that IADR Neuroscience may benefit from having a logo that could be used to brand activities promoted by IADR Neuroscience members. It was also acknowledged that the implementation of this new communication strategy probably needs to be vetted by IADR. Communication with IADR Headquarters will be started to understand how to develop a more effective external communication strategy on the IADR website and social media.

Report from IADR Council meeting July 19, 2021 Videoconference through IAGS Meeting Platform (Somsak Mitrirattanakul)

The proceedings of the Council meeting will be posted on the website:
<https://www.iadr.org/IADR/About-Us/Proceedings>

Winners of 2021 IADR Neuroscience Young Investigator Awards by Wiley Publishing Journal of Oral Rehabilitation (Daniela Gonçalves)

We had 2 contestants in the postdoctoral category and 3 in the predoctoral category. A further a candidate in the postdoctoral category were accepted to compete but had to withdraw due to the schedule. In total, 5 candidates presented their posters.

The winners were:

Pre-Doctoral

Katherine Lillis - University of Texas Health at San Antonio, USA: “Modulation of Apical Periodontitis by Trigeminal Nociceptors”

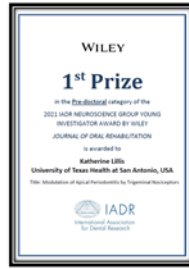
Award amount: US\$500.00

7. Winners – 2021 IADR Neuroscience Group Investigator Awards

2021 IADR Neuroscience Group Investigator Awards by Wiley
Journal of Oral Rehabilitation
Pre-doctoral category



Katherine Lillis
University of Texas Health
at San Antonio



Modulation of Apical Periodontitis by Trigeminal Nociceptors
Lillis K., Austah O., Simanavicius R., Diogenes A.

Post-Doctoral

Yuri Martins Costa - UNICAMP, Brazil: “Pain Modulation Can Predict Treatment Response in Chronic TMD Patients”

Award amount: US\$ 1,000.00

7. Winners – 2021 IADR Neuroscience Group Investigator Awards

2021 IADR Neuroscience Group Investigator Awards by Wiley
Journal of Oral Rehabilitation
Post-doctoral category



Yuri M. Costa
UNICAMP - BRAZIL



Pain Modulation Can Predict Treatment Response in Chronic TMD Patients
Y. M. Costa , D. Ferreira , F. F. Soares , A. A. Raimundini , L. R. Bonjardim , P. C. Conti



Future initiatives (Daniela Gonçalves)

a) Open call for Keynote speaker, Symposia, Lunch & Learning and Hands-on workshop topics and organizers for the next General Session & Exhibition of the IADR in Chengdu, China 2022

Proposals are to be sent to: diogenes@uthscsa.edu

Dr. Daniela Gonçalves then invited questions and input from the members before the meeting was adjourned.

Approved by the IADR Neuroscience group officers on July 31, 2021:

Daniela Gonçalves
Aníbal Diogenes
Nikolaos Giannakopoulos
Yoshizo Matsuka
Somsak Mitirattanakul
Iacopo Cioffi