

OSTEOLOGY RESEARCH ACADEMY BOSTON

2021

PROGRAMME

4–7 October /

«**Research Design and Methodology**»

Chaired by:
William V. Giannobile, USA
David M. Kim, USA
Myron Nevins, USA



MONDAY /

4 October 2021

07:30 – 08:30	REGISTRATION & BREAKFAST
08:30 – 08:45	Welcome and course introduction (Osteology & Participants) William V. Giannobile, David Kim, Myron Nevins
08:45 – 10:00	From bench to chair-side: taking innovations to clinical trials and clinical practice William V. Giannobile
10:00 – 10:30	COFFEE BREAK
10:30 – 11:45	Biologics of bone regeneration procedures Myron Nevins and David Kim
11:45 – 12:45	LUNCH
12:45 – 14:00	Principles of oral and maxillofacial reconstruction Maria Troulis
14:00 – 15:15	Precision medicine in dentistry Kenneth Kornman
15:15 – 15:45	COFFEE BREAK
15:45 – 17:00	Scholarly publication and Osteology grants process Kenneth Kornman and William V. Giannobile
17:00 – 17:15	Wrap-up (Q&A) William V. Giannobile, David Kim, Myron Nevins
18:30 – 20:30	WELCOME RECEPTION

TUESDAY /

5 October 2021

07:30 – 08:30	COFFEE AND BREAKFAST
08:30 – 09:45	Biomaterial viscoelasticity and stem cell fate David Mooney
09:45 – 11:00	Molecular mechanisms of dental implant osseointegration Jill Helms
11:00 – 11:30	COFFEE BREAK
11:30 – 12:30	Research methods for guided tissue regeneration and guided bone regeneration Hom-Lay Wang
12:30 – 13:30	LUNCH
13:30 – 14:30	Statistical principles for studies in oral health research: theory Cathie Spino
14:30 – 15:30	WORKSHOP Statistical principles for studies in oral health research: practical application (part I) Cathie Spino
15:30 – 16:00	COFFEE BREAK
16:00 – 17:00	WORKSHOP Statistical principles for studies in oral health research: practical application (part II) Cathie Spino
17:00 – 17:15	Wrap-up (Q&A) William V. Giannobile, David Kim, Myron Nevins
18:30 – 21:00	TEAM DINNER

WEDNESDAY /

6 October 2021

07:30 – 08:30	COFFEE AND BREAKFAST
08:30 – 09:45	Oral microbiome and oral immunology in dentistry Flavia Teles
09:45 – 11:00	Strategies and methods in innate immunity for bone metabolism to advance precision periodontal medicine Corneliu Sima
11:00 – 11:30	COFFEE BREAK
11:30 – 12:30	WORKSHOP Strategies and methods in innate immunity for bone metabolism and skeletal disease analysis (part I) Corneliu Sima and Francesca Gori
12:30 – 13:30	LUNCH
13:30 – 14:30	WORKSHOP Strategies and methods in innate immunity for bone metabolism and skeletal disease analysis (part II) Corneliu Sima and Francesca Gori
14:30 – 15:45	Clinical application of imaging techniques to assess oral soft and hard tissue regeneration Bernard Friedland
15:45 – 16:15	COFFEE BREAK
16:15 – 17:30	Histology, histomorphometry and immunohistochemistry Darnell Kaigler
17:30 – 17:45	Wrap-up (Q&A) William V. Giannobile, David Kim, Myron Nevins

THURSDAY /

7 October 2021

07:30 – 08:30	COFFEE AND BREAKFAST
08:30 – 10:30	WORKSHOP Design a clinical research project applying histological analyses Darnell Kaigler
10:30 – 11:00	COFFEE BREAK
11:00 – 12:00	Digital dentistry for implant reconstruction Jennifer Chen
12:00 – 13:00	Evidence-based dentistry for oral soft tissue regeneration Lorenzo Tavelli
13:00 – 13:15	Closing William V. Giannobile, David Kim, Myron Nevins

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