

PRECONFERENCE WORKSHOP 1: The Science of Stem Cells & PRP
Dr JOE PURITA (US)

15 August 2014 | Sofitel Melbourne on Collins



LEARNING OBJECTIVES

1. Allow the regenerative medicine physician to have a solid background in the basic science of stem cells. Discuss the pitfalls of various types of cells and why certain types of cells and protocols are utilized.
2. Acquire a firm background on new cutting edge techniques in stem cell therapy & PRP therapy
3. Understand the field of cytokines and how they affect all phases of medicine. Discuss how the cytokine pathways can be manipulated.
4. Acquire knowledge on the use of supplements and how they affect stem cells and their by products.

INTERNATIONAL SPEAKERS Include:



Dr Joseph Purita

Dr. Joseph Purita MD, has lectured extensively throughout the world on the topic of stem cells and Platelet Rich Plasma injections for musculo skeletal conditions. Dr. Purita joined the Boca Raton Orthopaedic Group in 1981, practicing arthroscopic and orthopaedic surgery, and Regenerative Medicine. Dr. Purita is an instructor and proctor of surgeons in the use of lasers in arthroscopic and orthopaedic surgery at a variety of area hospitals and is one of the few orthopaedic surgeons in the county using platelet rich plasma to treat a variety of orthopaedic conditions.



Kristen Comella

Kristen Comella, MS BS, (US) has over 15 years' experience in in regenerative medicine. She was recently named number 24 according to Terrapin's list of the Top 50 Global Stem Cell Influencers. Ms. Comella has pioneered a variety of stem cell therapies including cord blood derived cells, bone marrow cells, muscle cells and adipose cells for use in many different applications. She has developed a wide range of regenerative products and techniques that have been successfully implemented into the clinic. Ms. Comella the Chief Scientific Officer Bioheart Inc. a publically traded company focusing on the discovery, development and commercialization of autologous cell therapies for the treatment of degenerative diseases. In addition, Ms. Comella serves on multiple boards in the stem cell arena.



Dr Maritza Novas

Dr Maritza Novas, MD ARNP, (US) graduated with honors from the University of Havana School of Medicine in 1992 and is a Member of the American Academy of Anti Aging Medicine since 2004, Honorary Member of the Argentinian Academy of Anti-Aging Medicine, member in good standing of the Argentinian chapter of Union Internationale de Medicine Esthetique, and Associate Professor of the fellowship program of Aesthetic Medicine in the Universidad Nacional Pedro Henriquez in Dominican Republic. She became a pioneer in the use of Stem Cell for aesthetic procedures and treatment of chronic degenerative conditions since 2007. Currently she has performed over 600 cases using adipose derived and bone marrow stem cells.



Dr Vasilis Paspaliaris

Dr Vasilis Paspaliaris, BSc(Hons) PhD, is a clinical pharmacologist and is currently a senior faculty member of the Clinical Pharmacology and Therapeutics department at Democritus University in Greece. His research interest lies in regenerative medicine and is currently studying the therapeutic use of various peptides secreted by mesenchymal stem cells. He has had over 16 years' experience in the biotechnology arena and has published over 20 medical publications and given over 50 invited lectures. He is currently a advisor/director of Adistem, Itis Pharmaceuticals, and more recently Lab-Dom.



Dr Kamal Karl

Dr Kamal Karl, MBBS, FRNZCGP, FACNEM (NZ), practises in Napier/Auckland, New Zealand. He has post-graduate qualifications in Environmental and Nutritional Medicine as well as in Cosmetic and Anti-Aging Medicine. He specialises in treating chronic illnesses by recognising every individual's biochemical uniqueness to tailor personalised treatment plans using diet and natural supplements along with hormone optimization for prevention, treatment and enhancement of health.

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SOFITEL MELBOURNE ON COLLINS | FRIDAY 15 AUGUST, 2014

Start	End	Basic Science of Stem Cells and PRP	
		Presented by: Dr Joe Purita US, Dr Kristen Comella US, Dr Bill Paspaliaris AUS	
8.30	11.00	The Basic Science of Stem Cells & PRP, What constitutes effective treatment. Where, when & how to use. The basic science of increasing stem cell activity. Review telomere science in relation to stem cells Therapeutic potential of autologous adipose derived stem cells in chronic disease The cutting edge of the cutting edge– Protease inhibitors. Discuss the role of exosomes	
11.00	11.30	MORNING TEA BREAK	
11.30	12.15	Factors affecting cytokine pathways and problems arising from cytokine imbalances.	Dr Joe Purita US
12.15	12.45	The use of supplements related to Stem Cell Therapy.	Dr Kamal Karl NZ
12.30	13.00	Q & A	Panel
13.00	14.00	LUNCH BREAK	
		Aesthetic Applications of PRP & Stem Cells	
14.00	14.45	The use of stem cell therapy & PRP in Aesthetics in Australia	Dr Rhett Bosnich AU
14.45	15.30		Dr Michael Zacharia AUS
15.30	16.00	AFTERNOON TEA BREAK	
		Treatment Protocols	
16.00	17.00	Treatment protocols for osteoarthritis, aesthetics, auto-immune disorders	Dr Maritza Novas US, Dr Kristen Comella US, Dr Joe Purita US,
17.00	18.00	Case studies and Panel Q & A	Dr Maritza Novas US, Dr Kristen Comella US, Dr Joe Purita US, Dr Bill Paspaliaris AU, Dr Rhett Bosnich AU Dr Michale Zacharia AU
END OF SESSION			

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