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# Stem Cells in Anti-Aging Medicine: An Update

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PRE-CONFERENCE WORKSHOP  
THE 22<sup>ND</sup> ANNUAL WORLD CONGRESS ON ANTI-AGING, REGENERATIVE & AESTHETIC MEDICINE

## Why is this workshop right for you?

Through the use of stem cells, Regenerative Medicine is a revolutionary approach to improve many chronic regenerative conditions. This workshop will discuss the manner in which stem cells are harvested and isolated and their current and future applications in Regenerative and Aesthetic Medicine as well as the role of platelet rich plasma in these treatments. Additionally, the importance of stem cell banking, as well as the ethical and legal considerations of offering stem cell treatments, will also be discussed.

## Who should attend this workshop?

Aesthetic or general practitioners looking to incorporate stem cell therapies into their practice, or practitioners looking to advance their existing stem cell treatment protocols.

## Learner Objectives:

- Review major types of stem cells & understand how adult stem cells inhibit inflammation processes, inhibit apoptosis, encourage angiogenesis, & support wound remodeling
- Discuss the benefits of using adipose-derived stem cells versus other cell types
- Compare/contrast various fat harvesting methods in terms of fat/stem cell yield & viability
- Describe the role stem cells play in wound healing, skin regeneration & vascular disease
- Explore the effectiveness & possibilities of stem cell culture expansion
- Implement compliant stem cell isolation techniques
- Demonstrate the importance of enriching fat grafts with adipose-derived stem cells in order to increase fat graft survival & volume retention
- Learn benefits of platelet rich plasma (PRP) in promoting wound healing, soft tissue reconstruction, & bone reconstruction
- Discuss the treatment & clinical trial results of specific conditions utilizing stem cell therapy
- Review current ethical dilemmas surrounding stem cells & the current regulatory & legal statutes regarding global stem cell research & therapies



## Presenters: Sharon McQuillan, MD & Expert Faculty



**Sharon McQuillan, MD**, is a Board Certified physician who specializes in Aesthetic, Anti-Aging, and Regenerative Medicine. She founded The Ageless Aesthetic Institute- a level 4 ACCME accredited aesthetic training program for medical professionals in order to standardize and elevate the practice of Aesthetic Medicine. Dr. McQuillan has educated thousands of medical professionals in the art and science of Aesthetic and Anti-Aging treatments for over a decade. Dr. McQuillan lectures internationally on Aesthetic and Regenerative Medicine for many organizations and is the medical director of The Aesthetic Fellowship, hosted by the American Academy of Anti-Aging Medicine. The Fellowship is a seven-part didactic plus hands-on clinical experience medical education program in aesthetic procedures, offering certification via written and case study examination for its attendees.

Dr. McQuillan has been featured in Dermatology Times, Vogue, Medical Spa Report, Medesthetic, Miami Herald, Aesthetic Guide and on Telemundo and Good Morning America.

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*\*Pre-conference workshops require an extra fee.*