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Combinatorial Biologics for Acne scars and Skin Rejuvenation Activating the Tissue Regeneration

Introduction: Platelet Rich Plasma (PRP) is a well known biological source that contains growth factors capable to stimulate multiple tissues regeneration. Having a higher concentration of platelets, allows for greater release of these growth factors and biologically active proteins. Bioquantine® an excoriated polypeptide from *Xenopus laevis* oocytes, purified from intra- and extra-oocyte liquid phases of electroporated oocytes, showed its potential therapeutic effects on a wide range of conditions including skin wrinkling in murine models. Our combinatorial biologics (Bioquantine® + PRP) was design to stimulate the post acne infection scars regeneration and skin rejuvenation probing a safe use of it in human patients.

Conclusion: Our Combinatorial Biologics protocol demonstrates well tolerance, safety use and effectiveness of sub and intradermal applicatons of our Polypeptide (BQ-A). It was well tolerated obtaining a rejuvenated skin as part of a regenerative cellular process as the main outcome. This is the beginning of future trials combining BQ-A with human vehicles (cells or derivate cell products) as a safe procedure.

Biography

Dr. Osorio is an innovative businessman with a distinct entrepreneurial mindset concentrated in adding value on the areas of Biotechnology (mRNA), Reprogramming & Regenerative Medicine for translational use in humans and a variety of clinical applications aimed for both the private and the public health sectors. He is the CEO of RegenerAge Clinic and RegenerAge Life Initiatives. VP and Clinical Developer for Bioquark, Inc. President at Dr. Jois® an anti-aging, beauty and cosmetic products endorsement company. VP and Chairman of the WAMS Americas Division. Earned MD degree at Westhill University. Diplomate in aesthetic medicine (UAG), Advance Fellow by the ABAARM, visiting scholar at UNC at Chapel Hill in Dermatology. Fellow in Stem Cell Medicine by the A4M and USF, Business Diplomate at ECA, enrolled Master on Health Sciences at Victoria University. Has appeared on several occasions on International media, some of his latest broadcast appearances are CNN español, TV Azteca, Excelsior Newspaper, Medicable, PharmaBoard Room, and Podcasts among others.



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