



A DEEPER EDUCATION: MUSE INFUSED REGENERATIVE PROTEIN ARRAYS (RPA) **(Acellular / Non-DNA / 20% Boosted With MUSE Proteins)**

What Is MUSE-Infused RPA?

MUSE-Infused RPA combines Genesis' Regenerative Protein Arrays™ (RPA) with the proteins extracted from MUSE (Multilineage Differentiating Stress-Enduring) cells — a rare stress-resistant, highly pluripotent, non-tumorigenic, regenerative cell population. MUSE Infused RPA is an acellular / non-DNA product that contains 0.50 mg of RPA with a 20% MUSE protein enhancement.

The Discovery of MUSE Cells

MUSE cells were discovered at Tohoku University during research on mesenchymal stem cell subpopulations that survived extreme stress conditions including hypoxia, low temperatures, and enzymatic stress. Researchers identified that these rare cells demonstrated unique stress-enduring and repair-associated signaling characteristics distinct from generic stromal cell populations.

Why MUSE Biology Matters

MUSE biology is associated with enhanced cellular resilience, anti-inflammatory signaling, cytoprotective activity, angiogenic support, neuro-supportive repair signaling, with 'repair-priority' traits. MUSE-Infused RPA is designed to provide a more complete regenerative signaling environment than either approach alone.

Superior to Stem Cells & PRP!? Advanced Regenerative Medicine Using RPA

Hosted by: Lucas Aoun, Boost Your Biology

Keynote Presenter: Prof. Dr. Bankole Johnson, DSc, MD, MBChB, MPhil, FRCPsych, FACFEI, ABDA, DAASCP

<https://podcasts.apple.com/us/podcast/349-superior-to-stem-cells-prp-advanced-regenerative/id1520485498?i=1000760912614>

MUSE Science Clinical Journal Articles

The Promising Role of MUSE Cells in Regenerative Medicine

<https://www.sciencedirect.com/science/article/abs/pii/S0024320525006605>

MUSE: A New Era of Stem Cell Based Therapy

<https://www.mdpi.com/2073-4409/12/13/1676>

Safety and Clinical Effects of MUSE: Cell Based Product

<https://pmc.ncbi.nlm.nih.gov/articles/PMC10686030/>

MUSE: A Powerful Tool For Tissue Damage Repair

<https://pmc.ncbi.nlm.nih.gov/articles/PMC11169632/>

Direct Contribution of MUSE Cells To Tissue Repair

<https://journals.sagepub.com/doi/epub/10.3727/096368916X690881>

The Secretome of MUSE Cells

<https://www.tandfonline.com/doi/full/10.1080/15384101.2016.1211215>