

Voltage Driven Methods of Stem Cell Administration – No-Needles Application with Additional Benefits

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Administration of Stem cells is primarily performed by injections. Needles. However there are other methods where administration can be performed without needles. For example Needleless Vaccination uses Voltage via a voltage gun that shoots the vaccine through the skin. Neurofrequency uses voltage to enter the skin and reach its target. At smaller energies, below thermal noise, Neurofrequency passes signals through the ion channels of keratinocytes and spreads via signaling pathways and nocireceptors. Keratinocytes is the predominant cell type in the epidermis, the outermost layer of the skin, constituting 90% of the epidermis cells. Cutaneous Nocireceptors are receptors of a sensory neuron cell located on the skin

The electron's electric field amplifies the energy of an Ion Channel by increasing or decreasing the height of the energy at the gating cavity in this Ion Channel at Energies below thermal noise which are the energies used by certain Neurofrequency devices. These devices are not voltage driven but rely on electrons to drive signals through the Ion Gates which the electron can amplify at these energies below thermal noise. Since a lot of problems related to stem cells are related to potassium channels which are a specific type of Ion Gates, such problems can be eliminated by utilizing this new method of stem cells administration. Ongoing research a number of investigators in John Hopkins University postulated that blocked potassium channels in stem cells, blocks their growth and differentiation leading to tumors and possible cancers. An additional benefit of this method then involves a possible enhancement in stem cell differentiation as well as a protection against blocked potassium channels

This needleless Neurofrequency method of stem cell administration is most compatible with stem cell from European labs from France, Germany and Switzerland that produce differentiated stem cells that are specific to fibroblast stem cells enriched with collagen signals to increase collagen for skin thickening, stem cells enriched with elastin proteins for skin elasticity, muscle stem cells enriched with actin, myosin and other proteins that can lift and hold up sagging muscles, and differentiated vein and capillary RBC stem cells enriched with signals to increase circulation.

Neurofrequency devices including those that are voltage driven and those that are electron / ion channels based have produced powerful results in rejuvenation, wounds, eczema and slimming as illustrated by a number of clinical studies. Adding stem cells to these treatments can further enhance results. Neurofrequency is based on studies on cellular signaling pathways and specific frequencies that have been recorded in healthy and aged bodies including cellular functions such as collagen production as well as the frequencies of whole organs inside the body. Its main action is to pass signals that have deteriorated with age via ion channels by utilizing

the electron as the signal carrier in energies below thermal noise where the electron can amplify and control ion gates in our molecular cellular world.