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'the power you're suplyin', it's electrifyin'!

THE BIOELECTRIC BODY...can our bodies' electricity heal?

Dr. Dean Stubbs – Bodi Health Technologies, Qld.

A study involving 25 inpatients has shown that delivered current using a bioelectric medical device induced the healing of chronic wounds that had not responded to standard medical intervention after 18 months. The use of electrical currents was also shown to “nullify” the age factor in the healing process.

Dr Stubbs said “results of research into how our bodies electrical currents heads the cues to healing, combined with methods to augment this opens the door into an exciting new area of research”

“Old-Age” diseases in our younger generation calories do count!

WHAT HAPPENS WITHIN OUR CELLS AS WE GET OLDER?

Young scientists Christine Percy and Michael McErlean from the University of Queensland are looking into why our kidneys do not fare well in aging. Research findings support obesity being particularly bad for kidney health.

In a number of different species, a 40% calorie restriction has been shown to correlate with a 40% increase in disease-free life-span. However, this intervention is unlikely to gain favour in humans. Percy and McErlean believe that understanding the molecular changes that occur through calorie restriction will provide an opportunity to develop a drug intervention.

Their current research has shown that removal of a protein p66Shc, can result in a 30% extension in life-span. High levels of this protein may be a marker of obesity-related kidney disease. In addition a comparison of different forms of the protein Fox01 may be a useful predictor of future kidney disease.

Percy said “Both p66Shc and Fox01 are controlled by calorie restriction and need to be investigated further”

Interview opportunities – Abstracts Available

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