Upper

Proprietary Lab Proposal

RATE OF INTERNAL HEALING (RoIH)

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NATURE

For a typical dividing mammalian cell, growth occurs in the G_1 phase of the cell cycle and is tightly coordinated with S-phase (DNA synthesis) and M phase (mitosis). *The combined influence of growth factors, hormones, and nutrient availability provides the external cues for cells to grow.*

PREMISE

The natural science of all *living* things – life – is every cell's perpetual ability to self-reconstruct – without synthetic intervention. By default, cell growth requires hormones, nutrient availability, and specifically ***time*** as a key ingredient and measurable variable, which suggests the ***rate*** (speed) of internal healing (RoIH) is both measurable and influenceable. The acceleration of cell growth (rate) implies external and internal environmental improvement, while the deceleration of cell growth all the way to absolute cellular death implies external and internal environmental decline (or illness).

THEORY

The rate of internal healing can be measured, and thus accelerated through precision environmental and lifestyle design, and decelerated through poor environmental and lifestyle design.

PURPOSE / GOAL

RoIH can be optimized, thus shortened, to evidence-based independence from the need of invasive medicine; reduced time spent ill or injured; as well as interpreted for the measurable risk for any future need of pharmaceutical drugs or surgery. An overall **measurement or lab destined to test and PROVE physiological need for pharmaceutical drugs and/or surgery**, based on personal healing ability and allowable risk threshold, over the estimated risk time.

HYPOTHETICAL LAB EXAM

1. Collect a living damaged group of cell samples that can bind (heal) together
2. Measure the rate (speed / efficiency) of cellular reconstruction until fully healed
3. Adjust the complete external and/or internal environment the cell lives in; Aim to accelerate the speed.
4. Collect second-round of living damaged group of cell samples that can bind (heal) together
5. Record the exact amount of time it took for cellular reconstruction for all groups and compare.