TWEET GM #40

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Title Created

	GUT-RETINA AXIS: HOW TO PREVENT MACULAR DEGENERATION!
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	We have just posted QUOTE GM #40 today, which you will hopefully read.
	have just discovered this article that has been published by <i>Proceedings of the National Academy</i>
	of Sciences of the United States of America-PNAS in 2017. In first place, I am impressed by the
	uthors who originate from: Tufts University (Boston), Weizmann Institute of Science (Israel)
	okai University (Japan), MIT (Cambridge), and Harvard University (Cambridge).
I	n second, I am delighted to read about so-called "gut-retina axis" that represents a new
р	paradigm for me, but so much in agreement with global philosophy. In fact, it shows very close to
tl	he "gut-brain axis" when we consider that " <i>the retina is actually an extension of the brain</i> "
а	ccording the <i>Encyclopaedia Britannica</i> . No wonder that the exact same rules apply!
С	Coincidentally, I have been exchanging recently with ophthalmologists who belong to different
s	chools of thought (i.e. France, UK, USA) about how to prevent age-related macular degeneration
(,	AMD) in the context of AREDS or Age-Related Eye Disease Study (2001) and AREDS 2 (2013)
р	rotocols.
A	AREDS 2 recommends standard supplement formula designed to prevent AMD: vitamin C, vitamir
Е	, zinc, copper, lutein, and zeaxanthin. Except for first one, I test all these nutrients in routine for
а	ll my patients and I include correcting amounts of them in my Functional Medicine programs.
I	have been intrigued, for a while, by the fact that none of my long-term patients has ever
d	eveloped AMD, and that is what I wanted to share with retina specialists. They didn't seem
е	specially impressed: smiles, "luck"
٧	rtually all my patients follow low-glycaemic index diet and are instructed to minimize their
g	lycosylated haemoglobin (HbA1c) level, which I see as the most relevant biomarker for healthy
а	ging. Given this research (on mice) exposed in the above-mentioned article, we should not
S	eparate efficacy of optimizing key nutrient levels from low glycaemic index diet.
M	ly conclusion is that there is a huge prevention potential in what we do