CELLULAR TRIAGE MEANS THAT THE BODY DELAYS **CONSEQUENCES OF INSULTS BY PRIORITIZING "RESPONSE** RESOURCE" USE.

Serious diseases take a long time to develop and are not predicted by clinical studies as easily as observed in epidemiological ones. This explains in part the contradictory conclusions of short studies on long-term EMF bio-effects. The triage hypothesis offered by Dr. Ames gives us one rationale for this, suggesting that the body's coping strategies may not allow us to "see" adverse effects by using only clinical parameters. Scientists are discovering that our cells have a priority system for delaying the failure of survival functions by sacrificing less critical functions when a number of micronutrients are not provided in sufficient amounts.

We live in a world where we are exposed to many risk factors, with EMF being only one. Dr. Ames does not talk about EMF specifically; rather he discusses cellular mechanisms for responding to stresses over a long period of time. Many of us have micronutrient deficiencies at the time of EMF exposures due to poor diets or absorption, prior depletion during illness and other stresses, etc. DNA damage, mitochondrial decay, oxidation of membranes and organelles, and more, may well be occurring, but our bodies manage to keep us alive and symptom-free for a while.

ATP production has a higher priority than DNA repair.

Cardiac function is more important than hepatic function.

Red blood cells are more important than white blood cells.

Reproductive function is more important than extended lifespan.

Not every highly-exposed person develops cancer or other serious pathology, or does so at the same exposure level or period of time. We can try to reduce our exposures, but it may also be wise to provide our cells with adequate micronutrients to maximize repair capacity.







Bruce Ames

	Fruits, vegetables, cancer
	Micronutrients delay aging
	Specific nutrients/complexes
	Micronutrients, DNA damage
>	Specific affects of folate deficiency
	Folate deficiency and DNA damage
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ement levels, non-threshold N.S. effects	
tamins stimulate lower affinity enzymes	

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High dose vi

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