

I suppose that origin of the vision and the olfaction system is a common system in the primordial unicellular organism.

I hypothesize that the primeval organism have little functions restricted almost only to replication based on a rna molecule.

I hypothesize that the microorganisms lived near hydrothermal vent that were the sources of food, with a source of geothermal complex chemical reactions.

I hypothesize that the microorganisms reacted to the thermal noise and the thermal emission of the molecules of food.

If the folding of a long rna molecule change with the thermal noise, then the proteins production change casually with the change of the folding (there are different conformation energies with different thermal value, and different photons absorption).

If a food molecule, near the rna, change the rna tertiary structure then there was a change in the protein production that could have led to an evolutionary advantage if could be interpreted (in the rna decoding phase) like a food sense (for example a simple strategy could be great movement away from the food and a little movement near the food until a complete genetic development of a directional sense).

I think that a primeval sense was a olfaction-vision sense, based on a spectral sense; it could be that the common origin remains in the current olfactory system, that could be a spectral analysis like an infrared spectroscopy.