

# Review of: "Quantum Evolution and Genetic Mutations"

Thomas Liehr<sup>1</sup>

<sup>1</sup> Friedrich-Schiller Universität Jena

**Potential competing interests:** No potential competing interests to declare.

This paper reviews very shortly, to 99%, what is known about and what has been happening in genetics over the last 100-2500 years (starting with Hippocrates). The only idea highlighted in the paper is that DNA mutations may appear due to the tunneling of elementary particles. This is for sure one (very unlikely but possible) way a mutation may appear in DNA and is studied in the UK at e.g. <https://www.surrey.ac.uk/leverhulme-quantum-biology-doctoral-training-centre/research/quantum-tunnelling-dna#:~:text=Modelling%20tunnelling%20in%20DNA%20base%20pairs&text=This%20spontaneous%20position%20shift%20transforms,in%20extreme%20cases%20%2D%20tumour%20formation>.

What the idea of this article is unclear, as for sure all introduction could have been cut down to one paragraph. Instead, all known models of how DNA mutations form (starting from irradiation and ending with erroneous repair by repair enzymes) should have been highlighted as the most frequent sources of them.