Preparation of stem cells

Multipotent mesenchymal stromal cells derived from human adipose tissue were pre-treated with human tooth rudiment quantum genetic information (MBER). The control symmetrical area from the removed tooth was left unchanged. After 9 months, a complete regeneration of the dog’s tooth was observed. In the control area, there was no regeneration. The proposed briefly outlined work is devoted to an attempt to regenerate the dog’s tooth using the method of a new direction in biology - Linguistic-wave genetics. The work should be considered a precedent, and it will be continued. A close experimental work on the regeneration of the diabetic foot was carried out by us recently.

Keywords: quantum regeneration, quantum equivalents of genes, stem cells, reprogramming

Dog’s tooth regeneration

A demonstrative precedent for (in situ) regeneration of organs and tissues with the help of quantum genes on spintronic principles. This, as well as other precedents of quantum and linguistic-wave genetics (based on relatively simple laser technologies) open an infinite realm of quantum recombinational genetics for regenerative medicine development (Figure 1 & Figure 2).
Modulated Broadband Electromagnetic Radiation (MBER) was synthesized from the surgically removed rudiment of a human molar. Multipotent mesenchymal stromal cells (MMSCs) were extracted from human adipose tissue. These MMSCs were irradiated with the synthesized MBER and were grown to the required concentration. Prior to the MMSCs introduction, the dog’s teeth were removed from the right and left sides of the upper jaw. The programmed MMSCs were introduced into the right upper jaw in the place of the removed tooth. This resulted in regeneration of a new tooth over 9 months (lower photo).

**Results**

A frequency-stabilized Helium-Neon laser with two orthogonal optical modes was used to transfer the quantum genetic information, which read the genetic information from the rudiment of the human tooth. Such information was spontaneously transformed into modulated broadband electromagnetic radiation (MBER) carrying the same information, initially recorded on polarization modulation (spin states) of probing photons in the mode of returning the laser beam back to its resonator.

The dog’s teeth were removed behind the fangs on the left and right side of the jaw. A week later, multipotent mesenchymal stromal cells put in the place of the removed right tooth and were pre-treated with MBER of the human tooth rudiment. The control symmetrical area from the removed left tooth did not receive any treatment. After 9 months, a complete regeneration of the dog’s tooth on the right side was observed. In the control area of the left tooth, there was no regeneration.

**Conclusion**

Thus, the precedent of regeneration by the method of wave genetics of a dog’s tooth was recorded using human genetic information. The second factor is the conversion of human genetic information into canine genetic information. This study for greater evidence continues in experimental and theoretical terms.

**Acknowledgements**

None.

**Conflicts of interest**

Author declares that there is none of the conflicts.

**References**

1. Gariaev PP. Another Understanding of the Model of Genetic Code Theoretical. Analysis. Open Journal of Genetics. 2015;5(2):92–109.
2. Gariaev PP, Leonova-Gariaeva EA. The Syhomy of the Genetic Code Is the Path to the Real Speech Characteristics of the Encoded Proteins. Open Journal of Genetics. 2018;8(2):23–33.
3. Prangishvili IV, Gariaev PP, Tertyshny GG, et al. Spectroscopy of radio-wave radiations of localized photons: exit to quantum-nonlocal bioinformation processes. Sensors and Systems. 2000;9(18):2–13.
4. Gariaev PP, Vladychenskaya IP, Leonova Gariaeva EA. PCR Amplification of Phantom DNA Recorded as Potential Quantum Equivalent of Material DNA. DNA Decipher Journal. 2016;6(1):1–11.
5. Gariaev PP, Poltavtseva RA, Leonova Gariaeva EA, et al. Practical Application of Linguistic Wave Genetics (LWG) Principle in creating Quantum Information Matrices (QIM) used for Programming Plain Liquids into Medically Active Liquids, called Quantum Information Matrix Programmed Liquids (QIMPL). Clinical Epigenetics. 2017;3:22.