PROJECT PROPOSAL

Subject: Ultrasonic Stem Cells Stimulation using MMM technology

1. The working and main idea here is that we can stimulate development of stem cells using very specific MMM, sonic and ultrasonic agitation. We can find more information about MMM technology here: http://www.mpi-ultrasonics.com/content/mmm-ultrasonics http://www.mastersonics.com/documents/mmm_applications/
2. In addition, we can ultrasonically stimulate and multiply dormant or passive stem cells that are naturally inside human (or animals) body using MMM ultrasonic technology (like performing an external ultrasonic massage, or using certain liquid coupling to transfer MMM ultrasonic vibrations). MMM ultrasonic-therapy is in the same time healing wounds, removing pain and stimulating internal stem cells growth and activity (https://www.tenniselbow.eu/clinical-trials/).
3. There is enormous number of information and publications on Internet (see here: lf-ultrasonic-revival.zip, or here: https://www.cellmedicine.com/) under the key words search such as "**Ultrasonic Stem Cells Stimulation** ".

We can combine active stem cells injection with an external, MMM ultrasonic (human tissue) agitation, and get faster and better results by facilitating stem cells multiplication, propagation and tissue reconstructing activity. With MMM ultrasonic agitation, we can also create optimized conditions and accelerate growing of specific stem cells in laboratory conditions. The advantage of MMM ultrasonic technology is spatially uniform agitating and exciting of a threated body. This is not the case with other ultrasonic methods for tissue agitation. The consequence of uniform spatial excitation is that MMM agitation is much more efficient, compared to other ultrasonic methods.

If you are interested about here proposed project, we could think about next steps.