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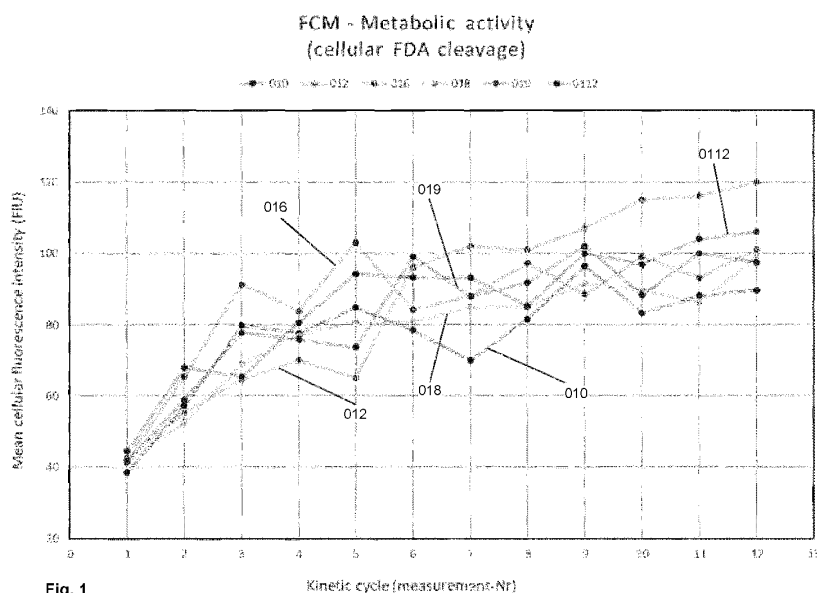


Fig. 1

(57) Abstract: The present invention relates to methods of increasing metabolic activity and stimulating cell proliferation of biological cells through the use of pulsed electric field (PEF) treatment, especially through the use of nanosecond pulsed electric field (nsPEF) treatment.

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