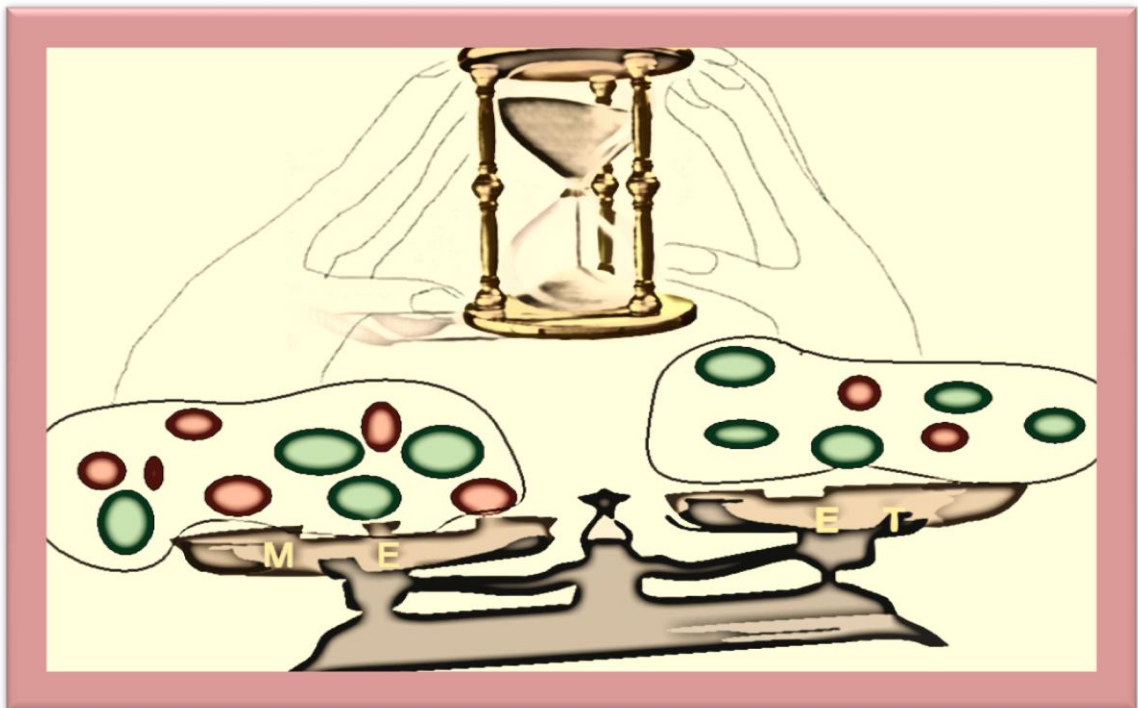


MITOCHONDRIAL DNA DELETIONS ACCUMULATION AND CLONAL EXPANSION IN TUMORIGENESIS AND NEURODEGENERATION

Selena Trifunov – ESR2
University of Bologna, Bologna, Italy



With time number of deleted mtDNA (red) can become higher than normal (green) and this is called clonal expansion. By counting the number of deleted mtDNA and normal mtDNA we see current heteroplasmy level- is there more deleted or normal mtDNA.

