

**Percent Comparison Showing Effect vs No Effect in Comet Assay and Free Radical (Oxidative Effects) Studies (RFR and Static Field/ELF-EMF)**

**BioInitiative Report Research Summaries Updates,**

**December 2017 and April, 2019**

**Chapter 6, Genotoxic Effects**

**RFR Comet Assay (December 2017 Update)**

**Of 76 total studies:** (E= 49 (64%); NE= 27 (36%))

**ELF EMF Comet Assay (December 2017 Update)**

**Of 46 total studies:** (E= 34 (74%); NE= 12 (26%))

**RFR - Free Radical (Oxidative Effect) April 19, 2019 Update**

**Of 225 total studies:** (E=203 (90%); NE=22 (10%))

**Static Field/ELF-EMF Free Radical (Oxidative Effect) April 19, 2019 Update**

**Of 229 total studies:** (E= 203 (89%); NE= 26 (11%))

(E = reported effect; NE = reported no significant effect)

**Percent Comparison Showing Effect (Red) vs No Effect (Blue)**

