

- for quantitation of low levels of DNA damage in individual cells. *Exp. Cell Res* 175 (1988): 184-191.
31. Frenzilli G, Lenzi P, Scarcelli V, et al. Effects of loud noise exposure on DNA integrity in rat adrenal gland. *Environ. Health Perspect* 112 (2004): 1671-1672.
 32. Olive PL, Durand RE. Heterogeneity in DNA damage using the comet assay. *Cytom. Part J. Int. Soc. Anal. Cytol.* 66 (2005): 1-8.
 33. Speit G, Rothfuss A. The comet assay: a sensitive genotoxicity test for the detection of DNA damage and repair. *Methods Mol. Biol.* Clifton NJ 920 (2012): 79-90.
 34. Rocco L, Peluso C, Stingo V. Micronucleus test and comet assay for the evaluation of zebrafish genomic damage induced by erythromycin and lincomycin. *Environ. Toxicol* 27 (2012): 598-604.
 35. Van den Meersche T, Pamel EV, Poucke CV, et al. Development, validation and application of an ultra high performance liquid chromatographic-tandem mass spectrometric method for the simultaneous detection and quantification of five different classes of veterinary antibiotics in swine manure. *J. Chromatogr* 1429 (2016): 248-257.
 36. Hassan MM. Antimicrobial Resistance Pattern against *E. coli* and *Salmonella* in Layer Poultry. *Res. J. Vet. Pract* 2 (2014): 30-35.
 37. Shapiro RS. Antimicrobial-Induced DNA Damage and Genomic Instability in Microbial Pathogens. *Plos Pathog* 11 (2015): e1004678.