

2nd International Conference on

ENVIRONMENTAL HEALTH & GLOBAL CLIMATE CHANGE

September 7-8, 2017 | Paris, France

ESTIMATION OF GENOTOXIC EFFECT OF FUNGICIDE ANTRACOL WP-63 AT FISH RAINBOW TROUT (ONCORHYNCHUS MYKISS), AFTER 8 DAY OF TREATMENT

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Statement of the problem: biological monitoring provides a useful tool to estimate the genetic risk deriving from an integrated exposure to a complex mixture of chemicals. Aquatic organisms are then briefly exposed to a complex mixture of contaminants.

The purpose: This study is to estimate the genotoxic effect of fungicide antracol wp-63 in erythrocytes of fish rainbow trout (*Oncorhynchus mykiss*).

Methodology & theoretical orientation: the fish treated with four different concentration (7, 5, 4, 3 ml/ 40 l water) of fungicide Antracol wp-63, for 8 day. From each individual-fish, scored 2000 erythrocytes. For each fish prepare 2 slides.

Findings: the results show significant increase of number of micronuclei per 2000 erythrocytes of fish, compared with control group.

Conclusion & significance: based in obtained results we can conclude that insecticide chromagor has Genotoxic effect.