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**TECHNOGENIC RADIONUCLIDES IN FRESHWATER FISHE OF UKRAINE  
AFTER THE ACCIDENT AT THE CHERNOBYL NUCLEAR POWER PLANT**

Results of long-term research of  $^{131}\text{I}$ ,  $^{140}\text{Ba}$ ,  $^{54}\text{Mn}$ ,  $^{154}\text{Eu}$ ,  $^{125}\text{Sb}$ ,  $^{95}\text{Zr}$ ,  $^{95}\text{Nb}$ ,  $^{141}\text{Ce}$ ,  $^{144}\text{Ce}$ ,  $^{106}\text{Ru}$ ,  $^{103}\text{Ru}$ ,  $^{65}\text{Zn}$ ,  $^{60}\text{Co}$ ,  $^{110\text{m}}\text{Ag}$ ,  $^{90}\text{Sr}$ ,  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  content in freshwater fish of Ukraine after the Chernobyl accident were summing-up. The distribution of these radionuclides in various organs and tissues of fish was studied.

*Keywords:* Chernobyl Nuclear Power Plant, fish, content,  $^{131}\text{I}$ ,  $^{140}\text{Ba}$ ,  $^{54}\text{Mn}$ ,  $^{154}\text{Eu}$ ,  $^{125}\text{Sb}$ ,  $^{95}\text{Zr}$ ,  $^{95}\text{Nb}$ ,  $^{141}\text{Ce}$ ,  $^{144}\text{Ce}$ ,  $^{106}\text{Ru}$ ,  $^{103}\text{Ru}$ ,  $^{65}\text{Zn}$ ,  $^{60}\text{Co}$ ,  $^{110\text{m}}\text{Ag}$ ,  $^{90}\text{Sr}$ ,  $^{134}\text{Cs}$ ,  $^{137}\text{Cs}$ .