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# Peroxisome Proliferation

National Cancer Institute

## Source

National Cancer Institute. *Peroxisome Proliferation*. NCI Thesaurus. Code C18933.

Associated with hepatocellular carcinomas, Peroxisome Proliferation occurs in epigenetic "non-genotoxic" responses of hepatocytes to diverse peroxisome proliferator chemicals and involves, probably by a steroid superfamily receptor-based mechanism (PPARs), altered expression of cellular growth and/or differentiation genes, induction of peroxisomal enzymes, and possibly oxidative stress.