

Use of biomarkers in bio-sentinel animals to determine acute toxicity in the environment: Case of retinoids in fish

Bachir El Bouhali

Moulay Ismail University, Morocco

The indirect analysis by animals and human are widely used to determine environmental toxicity. This approach is appreciated because it's not invasive and gives information about kinetic bioaccumulation and biomagnification of pollutants. We have conducted a study to evaluate incidence of anthropic activity around aquatic area in the northwest of morocco. Analyses were focused on retinoids determination in blood and liver in fish because of their close links with polychlorinated pollutants.

Biography

Bachir El Bouhali has completed his Ph.D from Ibn Tofail University, School of Science, Morocco. He was an expert of forensic science at the service of toxicology and drugs. Actually, he is Professor Researcher and conduct studies about human health and toxicology. He has many papers and chapters in books. He is member of many national and international scientific organizations.

bachirbouhali@hotmail.com