



Gregory LEMKINE

- **PhD, Founder and chief executive officer of WatchFrog, Paris, France.**

WatchFrog creates and markets innovative solutions for the *in vivo* detection of a wide range of chemical, pharmaceutical and cosmetic substances. The new generation of tests offered by WatchFrog is allied to the development of amphibian models in order to replace, reduce or refine (3Rs of animal protection policies) the use of animal models. Basically, WatchFrog models will “light up” (through emission of fluorescence) when a biological function is activated.

The automatization of reading results *in vivo*, allows:

- Screen large number of therapeutic substances,
- Detect prolonged low dose toxicity, through disruption of endocrine functions, in chemical and synthetic compounds and additives,
- Detect and quantify toxic substances in the environment (e.g. drinking water, lake/river water, ground water runoff, effluent, sludge, industrial waste, etc.).

Dr Lemkine has a thorough understanding of the technical, scientific and marketing of biotechnologies and completed a training/action cycle of HEC school of management. Prior to inception of the company, Dr Lemkine was in charge of technology transfer in the Museum National d'Histoire Naturelle in Paris. He holds a PhD in Physiology and has published many articles in international scientific journals