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Schematic representation of basic cellular functions (top) altered by a toxicant (TX) targeting a transcription factor (middle) or by a toxicant targeting an effector of a signaling pathway (bottom), see Rossini and Hartung, p. 359-372, Fig. 1-3.

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ALTEX is devoted to the publication of research on the development and promotion of alternatives to animal experiments according to the 3R concept of Russell and Burch: Replace, Reduce, and Refine. Animal experiments are defined by the editors as all experimental procedures involving the use of animals in testing, research and education or to obtain tissues, organs, and other animal-derived products which may cause pain or distress to animals.

Besides covering the biomedical aspects of animal experimentation, ALTEX is also devoted to the bioethics of the complex relationship between humans and animals. Articles published in ALTEX must express a basic concern for the dignity of living creatures and the recognition of animals as our partners. All articles will be judged according to stringent scientific standards.

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