

# Up-and-Down Procedures for Acute Oral Systemic Toxicity

## References

- Botham P. 2004. Acute systemic toxicity--prospects for tiered testing strategies. *Toxicology In Vitro* 18:227-230.
- Bruce R. 1985. An up-and-down procedure for acute toxicity testing. *Fundam Appl Toxicol* 5:151-157.
- Bruce R. 1987. A confirmatory study for the up-and-down method for acute toxicity testing. *Fundam Appl Toxicol* 8:97-100.
- Lipnick R, Cotruvo J, Hill R, Bruce R, Stitzel K, Walker A, Chu I, Goddard M, Segal L, Springer J, Myers R. 1995. Comparison of the up-and-down, conventional LD<sub>50</sub>, and fixed-dose acute toxicity procedures. *Food Chem Toxicol* 33:223-231.
- Meyer S, Marchand A, Hight J, Roberts G, Escalon L, Inouye L, MacMillan D. 2005. Up-and-down procedure (UDP) determinations of acute oral toxicity of nitroso degradation products of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX). *J Appl Toxicol* 25:427-434.
- Trevan J. 1927. The error of determination of toxicity. *Proc Royal Soc* 101B:483-514.
- Yam J, Reer P, Bruce R. 1991. Comparison of the up-and-down method and the fixed dose procedure for acute oral toxicity testing. *Food Chem Toxicol* 29:259-263.
- Zbinden G, Flury-Roversi M. 1981. Significance of the LD<sub>50</sub> test for the toxicological evaluation of chemical substances. *Arch Toxicol* 47:77-99.