

Continuing the public benefit of the Carcinogenic Potency Database (CPDB)

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Dr Nik Marchetti, Lhasa Ltd, gave this presentation at "Streamlining Drug Discovery" symposium held in Cambridge UK on 18 May 2017.

Abstract

CPDB is a now-discontinued database created and maintained by Dr. Lois Swirsky Gold, the Director of the CPDB project. For almost 30 years, it was a reference point for long-term animal cancer tests and for risk assessment in humans. It also went beyond just cataloguing studies, but it also presented calculated TD50 values for over 1,500 chemicals. Lhasa Limited has built on the work initiated by Gold and released a free and online carcinogenicity database based on the CPDB. By doing so, Lhasa is committing to maintaining the database, while also bringing in over 30 years of experience in predictive software and structure searchable databases. Moreover, Lhasa has revised the original data from CPDB, grouping studies with the same active ingredient but different formulation, giving more details and information to the final user. Finally, Lhasa recalculated the TD50 value for all chemicals, based on Gold's method, assuring consistency between the previous database and the current one.

You can download this presentation as a [PDF](#).