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Columns: REVIEW

Past, present and future of cyanide antagonism research

Petrikovics et al. Cyanide antagonism: Past, present, and future

Ilona Petrikovics, Marianna Budai, Kristof Kovacs, David E Thompson

Abstract

This paper reviews milestones in antidotal therapies for cyanide (CN) spanning the range from early remedies to current antidotal systems and research towards next generation therapies. CN has been a part of plant defense mechanisms for millions of years. It became industrially important in the nineteenth century with the advent of CN assisted gold mining and the use of CN as a pest control agent. The biochemical basis of CN poisoning was actively studied and key mechanisms were understood as early as 1929. These fundamental studies led to a variety of antidotes, including



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