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Cover illustration: A mitochondrial electron transport chain showing the position of alternative oxidase (AOX). Complex IV is inhibited by cyanide, nitric oxide (NO), sulfide and azide, while AOX is insensitive to these compounds and is instead inhibited by salicylhydroxamic acid (SHAM) and n-propyl gallate (nPG). Complex I, NADH dehydrogenase; Complex II, succinate dehydrogenase; Complex III, cytochrome bc_1 complex; Complex IV, cytochrome c oxidase; cyt c, cytochrome c; e-, electrons; IMM, inner mitochondrial membrane; UQ, ubiquinol pool (see McDonald pp. 535–552).