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Title: “CEES (2-chloroethyl ethyl sulfide)/sulfur mustard-induced lung injury: role of coagulation and inflammation”

Synopsis: Exposure to toxic inhaled chemicals like CEES/sulfur mustard causes serious injury to a number of organ systems including the respiratory system and can lead to death. Increased coagulation, increased inflammation and vascular leak are characteristic of the injury. However, the pathogenesis of CEES/sulfur mustard-induced injury is incompletely understood and a search for effective treatment regimens has been a challenge. The Ahmad lab is focused on addressing these challenges.