



Threat Chemicals Toxicity and Countermeasures to the Eye and Skin

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Message from the Guest Editor

The use of chemicals in wars, conflicts, terrorism, farming, industries, and in our daily life has increased alarmingly in last 20 years. Eye and skin are highly vulnerable to chemical exposure. Both, eye and skin, displays damages and functional disruptions even at lower concentrations of toxic/threat chemical exposure. The effects can be acute/early, delayed, or late/chronic in nature and impact quality of life significantly. This special issue is to publish articles on chemical warfare agents, toxic industrial chemicals, pesticides, vesicants, animal models of toxic injury, molecular and genetic targets, molecular pathways and mechanisms of chemical toxicity-induced pathologies, wound healing, and countermeasures with new or repurposing of current drugs/formulations that could inhibit the effects of chemical-induced toxicity to eye and skin.

Keywords:

- eye
- skin, chemical warfare agents
- counterACT
- chemical threat
- toxicity
- pathology of chemical injury
- pesticides
- toxic industrial chemicals
- vesicants
- models of ocular and skin chemical injury





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Message from the Editor-in-Chief

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