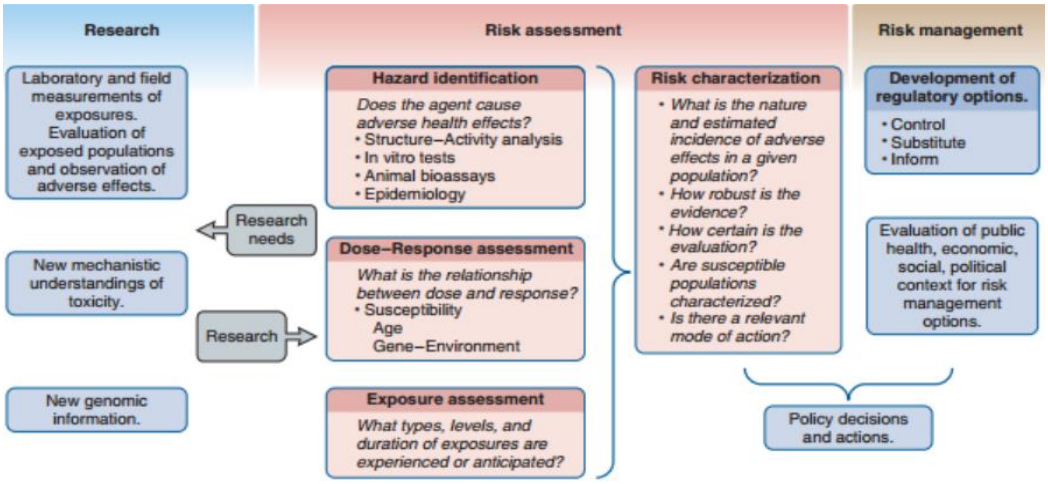
c. Framework



Summary

1. Toxicology is the study of adverse effects of chemical agents on living organisms.
2. Different areas of toxicology include clinical, experimental, environmental, food, and forensic toxicology.
3. Toxic response are affected by site of contact between toxicant and target sites, the regeneration ability of target site, and the period taken to show toxic effects
4. 4 interactions of chemicals are additive, synergistic, potentiation, and antagonistic
5. Examples of dose-response relationships are individual and quantal dose-response
6. Mechanisms of toxicity includes delivery of chemicals (absorption, distribution, redistribution, metabolism/biotransformation, excretion), reaction with target, cellular dysfunction and resultant toxicities, and inappropriate repair and adaptation
7. Risk assessment is a systemic scientific evaluation of potential adverse health effects resulting from human exposures due to hazardous agents/situation

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