Annex to DFG-ICMR 2022 Call for Proposals in Toxicology

Proposals under this call may address all fields of toxicology. As stated in the Call for Proposal (main document), projects with potential medical relevance may be prioritized. The following remarks are intended as suggestions regarding specific project topics.

Environmental Toxicology: understand how natural and manmade toxins influence the environment and possible ways to minimize or mitigate environmental toxicity

Occupational Toxicology: understand exposure through inhalation, ingestion, or dermal absorption of chemical and biologic hazards encountered at work and the probability of impairing the health of the exposed workers which could be acceptable, explore mitigation possibilities

Food and Chemical Toxicology: understand adverse physiological and/or biochemical, or pathological toxic effects of natural or synthetic chemicals, novel foods and ingredients, biotechnologically-derived products, and nanomaterials in animals and humans, develop techniques for assessing potential food toxicity

Systemic Toxicology: understand the biological effects on organs and tissues following exposure to a medical devices, bio-materials, or their extracts leading to acute, sub-acute, sub-chronic and chronic exposure

Regulatory Toxicology: encompasses the collection, processing and evaluation of epidemiological as well as experimental toxicology data to permit toxicologically based decisions directed towards the protection of health against harmful effects of chemical substances

New approach methods (NAMs – or non-animal approaches): understand any non-animal-based approaches that can be used to provide information in the context of chemical hazard and risk assessment including integrated approaches to testing and assessment (IATAs), defined approaches for data interpretation, and performance-based evaluation of test methods

In case of questions regarding admissible proposal topics, please consult Dr. Sigrid Ziegler, phone +49 228 885-2676, sigrid.ziegler@dfg.de.