



## Role of Enzyme-Linked Immunosorbent Assay (ELISA)

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### Message from the Guest Editors

Dear Colleagues,

Enzyme-linked immunosorbent assay (ELISA) can be qualitatively or quantitatively utilized to recognize analytes involving peptides, proteins, or small molecules. The ELISA technique has been linked to molecular imaging, bioinformatics analysis, Artificial Intelligence (AI)-based methods, along with therapeutic targeting with gene and cell therapy.

Potential topics include but are not limited to the following:

1. Bench to bedside applications to the diagnosis, treatment, and clinical outcome of diseases, including ELISA-based molecular or pharmacological interventions;
2. Biomarkers or risk factors involving neuroinflammation or mitochondrial function in cell to animal innovative research for disease theranostics;
3. Diagnostic strategies targeting tumorigenesis, viral infections, crop/food allergens, and toxicology;
4. Molecular imaging that could reflect or predict disease development;
5. Biocybernetics and big data processing of large databases and genomics interactions using bioinformatics approaches.





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