

**Title of the paper**

**Persistence, Toxicity, and Risk Assessment of Toxic Compounds in Food: Implications for Food Safety and Public Health**

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**Figures –**

Supplementary Figure S1 - Schematic representation of various conventional methods used for the detection of food toxins.

Supplementary Figure S2 - Features of nano based sensors.

Supplementary Figure S3 - Classification of biosensor.

Supplementary Figure S4 - Workflow of AI models used for detecting food contaminants.

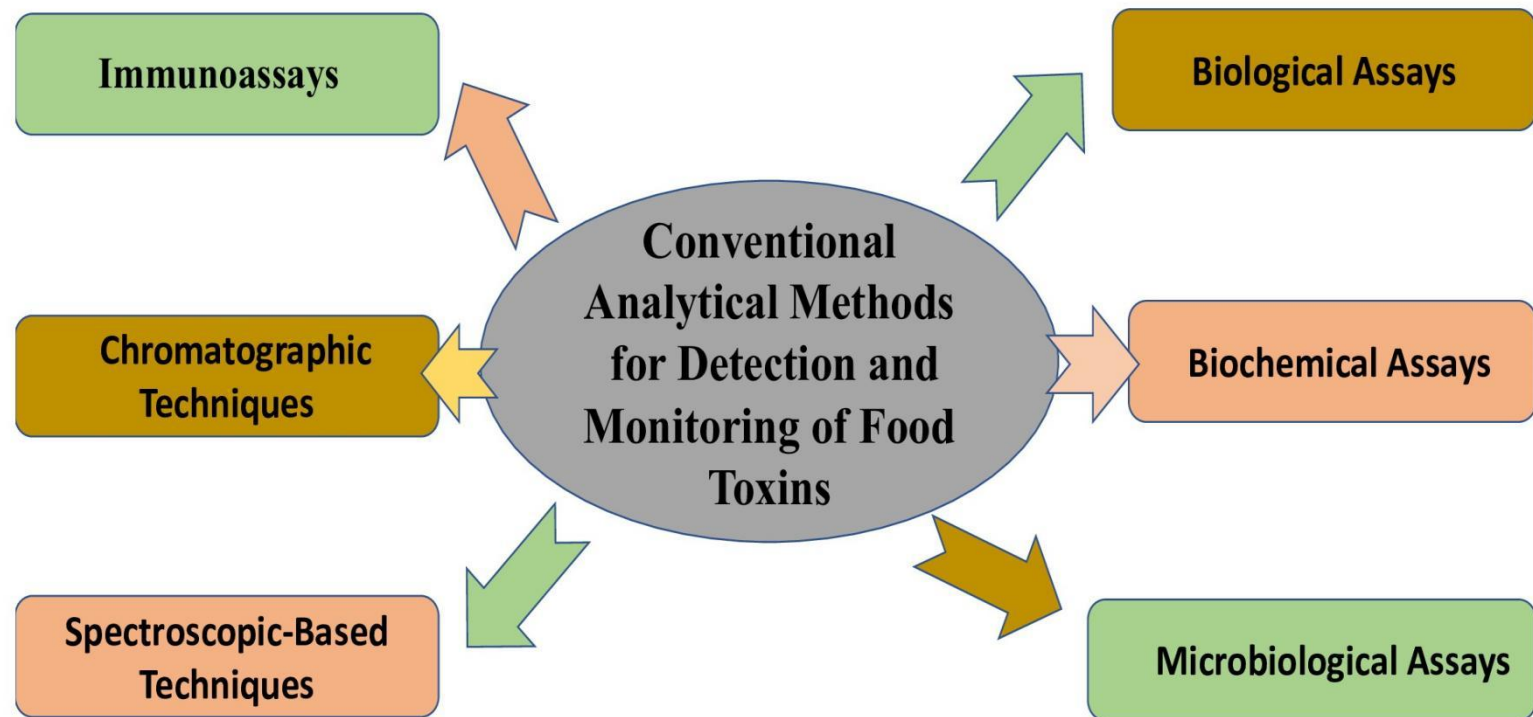


Figure S1

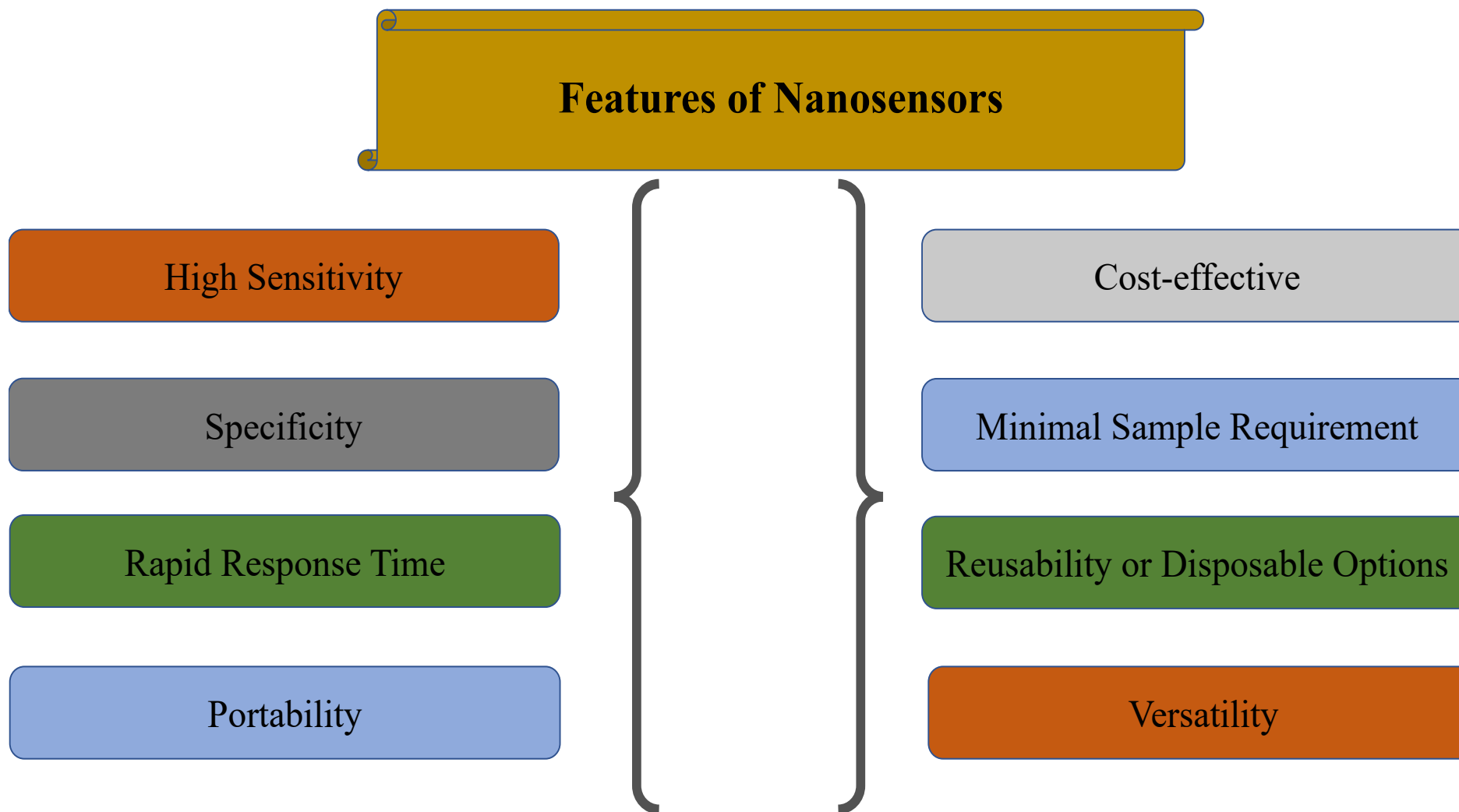


Figure S2

# Biosensors

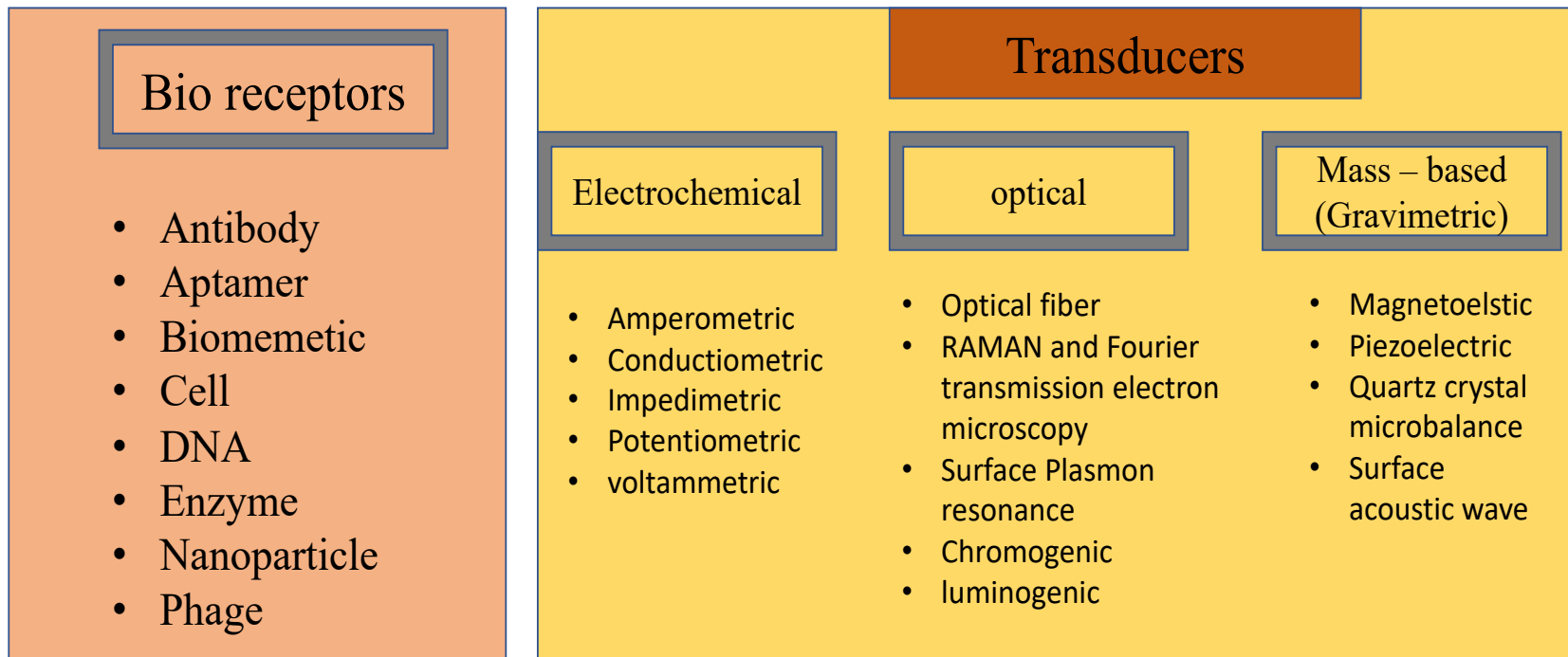


Figure S3

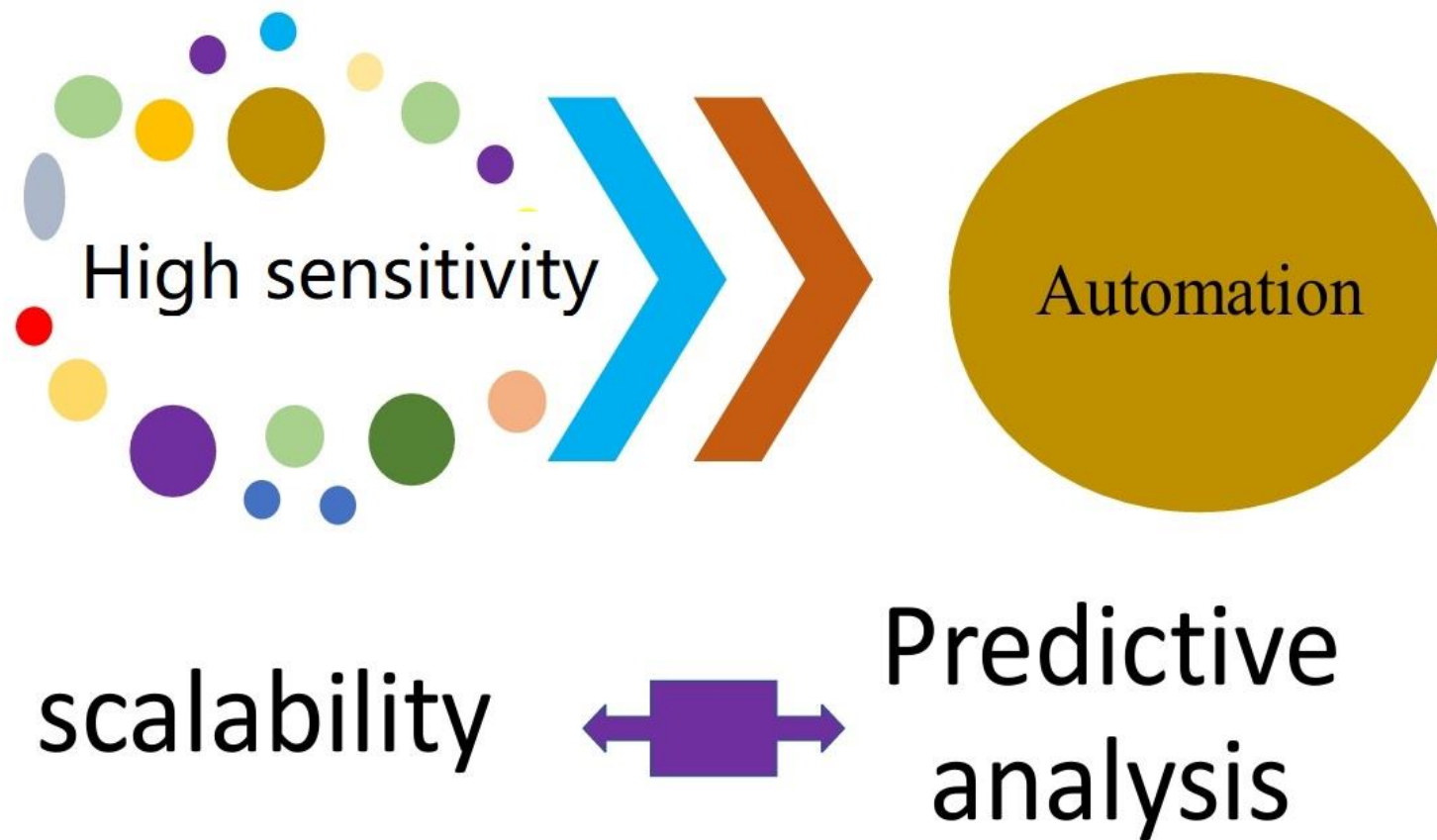


Figure S4