

- Urgent need for highly sensitive & rapid onsite analysis of mycotoxins is emphasized.
- Use of carbon nanomaterials as SPE adsorbents in HPLC-MS/MS analysis overviewed.
- CNMs application in electrochemical immunosensors & aptasensors are summarized.
- Fluorescence aptasensors & colorimetry/SERS sensors using CNMs are discussed.
- Detection principle, validation data, stability & application to food are compared.