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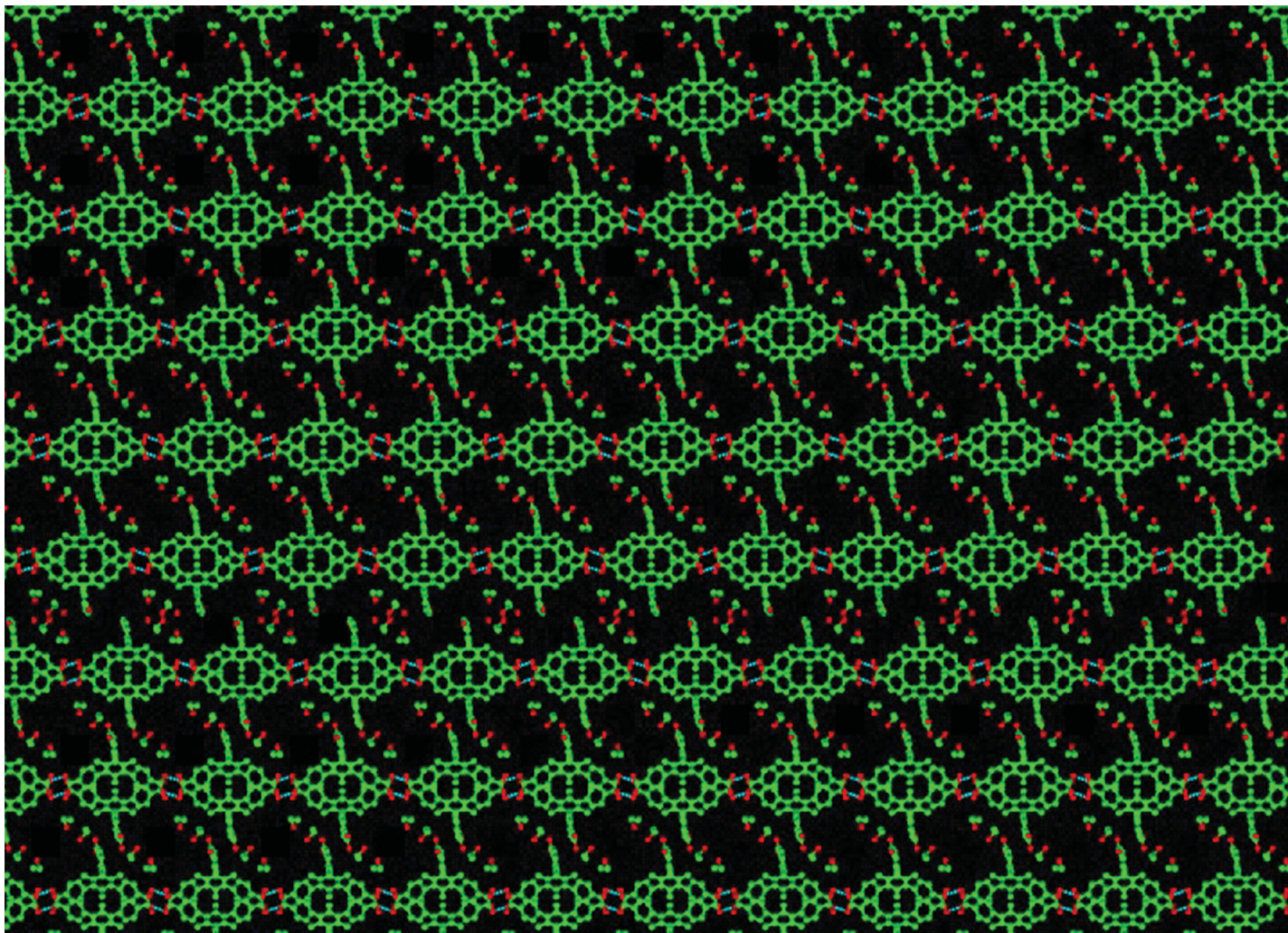
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**Showcasing research from Sankarasekaran Shanmugaraju's laboratory, Department of Chemistry, Indian Institute of Technology Palakkad, Kerala, India.**

Recent advances in fluorescence-based chemosensing of organoarsenic feed additives using luminescence MOFs, COFs, HOFs, and QDs

Organoarsenics are low-toxicity compounds that are used widely as feed additives to promote livestock growth, enhance meat pigmentation, and fight against intestinal parasites. The degradation of organoarsenic produces toxic carcinogen inorganic arsenic such as As(v) and As(III), which results in severe arsenic pollution of soil and groundwater. This article highlights various fluorescence chemosensors reported to date for sensing organoarsenic feed additives.

**As featured in:**



See A. Murugeswari, Sankarasekaran Shanmugaraju *et al.*, *Chem. Commun.*, 2023, **59**, 11456.