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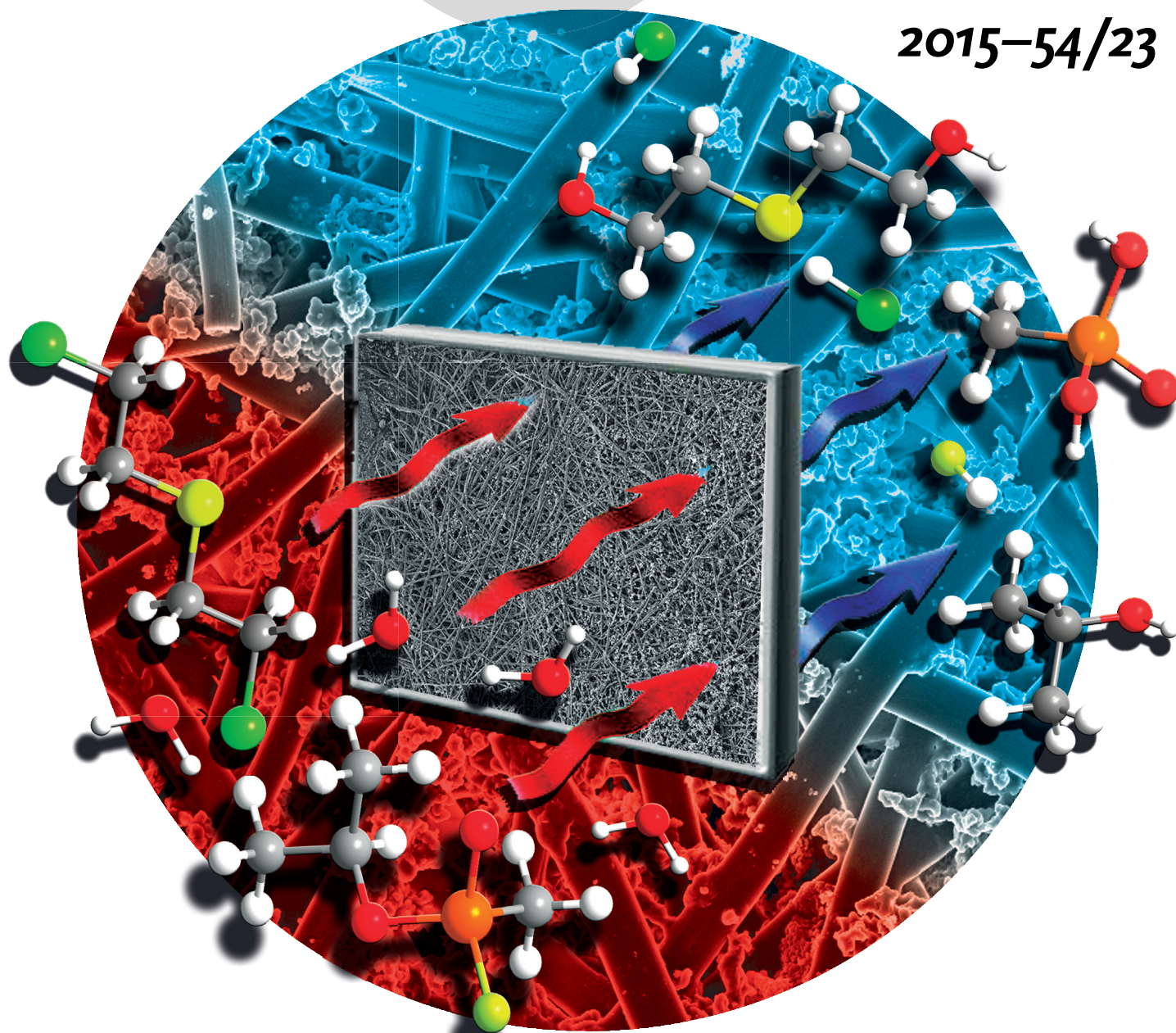
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Self-detoxifying fabrics ...

... are prepared by depositing zirconium metal–organic framework (MOF) nanocrystals doped with lithium alkoxides onto silk. As shown by E. Barea, J. A. R. Navarro, and co-workers in their Communication on page 6790 ff., the doped MOFs have phosphotriesterase catalytic activity for the degradation of P–F, P–O, and C–Cl bonds in highly toxic chemical warfare agents (CWAs); combining them with silk gives air-permeation properties required for protective garments and air-filtration technologies (graphic design by Dr. A. A. Lozano-Pérez).

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