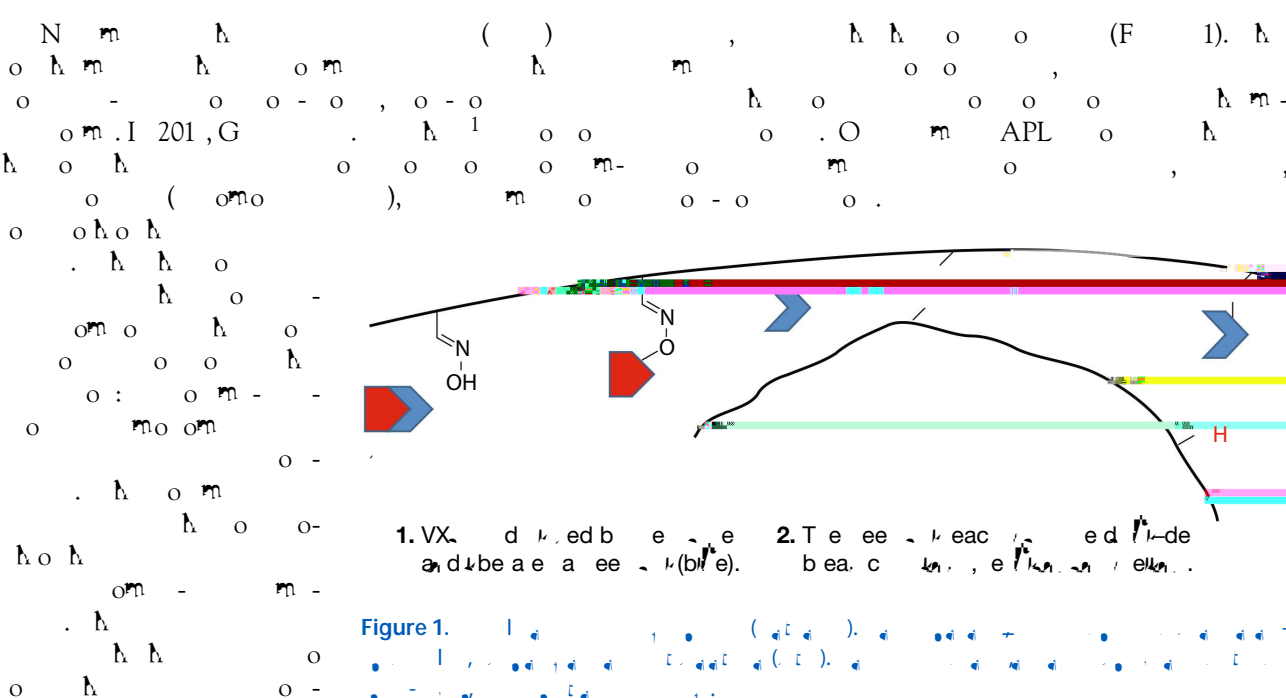


ABSTRACT

Material and electrical, and in response to chemical in the environment can be a platform for new sensing platform. We have made an array of innovative chemical reactions to provide low-power, electrical sensing of chemical agents. A Johns Hopkins University Applied Physics Laboratory (APL) team designed an organophosphate sensing platform, called DetectVX, and we have a hydrogel. Initial demonstration of sensor based on mini-electrical actuating material has been successful, and the team is currently preparing innovation in both hydrogel chemistry and sensing mode.



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 (F 3). I o , h o o o m -
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