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## Low-Cost Nanostructured Catalysts Promise Cleaner Indoor Air

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⊠tero⊠neous catalysts b⊠ ben widely in use Br air pllution abte ment @r decades@most commonly as catalytic conerters in internal combstion entitle Bhcles.NeBr telessompications of catalysis in air treatment/ by ond related pllution abtement ab bcome increasin by limited due to the signifcant use of scarce platinum group metals (PGMs) and the high energy cost associated with maintaining elevated temperatures required for catalysis. Yet, catalysts hold great promise for broader air purifcation applications, including indoor air purifcation, if they could overcome issues related to their price, stability, and operating costs.

Boston-based start-up, Metalmark Innovations, Inc., is developing and commercializing a new approach for producing heterogeneous catalysts from the nanoscale up, with funding from the National Science Foundation

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## Ths a CHERe was repared by the National Science Foundation in par thershowith