PRESS INFORMATION BUREAU পর জুম্বনা কার্যানয GOVERNMENT OF INDIA मारत सरकार

Width: 24.82 cms, Height: 9.29 cms, a4r, Ref: pmin.2014-09-22.45.64 Monday 22nd September 2014, Page: 6 Deccan Herald, Delhi

B drug makes patient more vulnerable

Kalyan Ray

cines, used in the TB therapy tists have claimed. ease causing bacteria, scienmore vulnerable to the dissis, being used in the stanmedicine against tuberculo actually make a patient dard therapy for years can NEW DELHI: A common Isoniazid is one of the medi-

drugs. vantages including prolonged and toxicity of some of the and complicated drug regimen called directly observed treat there are several known disadhough the therapy is effective ment short-course (DOTS). Al-Armed with animal experi-

ment results, a group of Indian



of all new TB cases. More than India every year, which trans-lates to 1,000 TB deaths per den, accounting for a quarter fective drugs, TB remains a 370,000 people die of TB in lay. "In spite of DOTS and ef-

> try" said Rajesh Chawla, senior public health problem in India consultant on respiratory medmained unchanged. The MDR as the incidence of TB has re-Hospital, Delhi. icine at Indraprastha Apollo TB cases are rising in the coun-

spends crores on the governtrolling TB in India, which stand the complexity of conyet another window to underment backed revised national TB control programme. The new research opens up

a protessor at Jawaharlal Nehru rial clearance," Gobardhan Das, does harm in addition to bactesafe. It's a surprise that it silently because it is considered to be period of the treatment time, "The drug is used for entire

> University told Deccan Herald. Das and his colleagues from of Calcutta and Vanderbilt Unied the mechanism through the University of Kwazulu-Na-Biotechnology, Delhi, University tre for Genetic Engineering and al, Durban; International Cenversity in the USA demonstrat wanted more proof. "It is an inological Chemistry. teresting observation though it is pertiment to note that TB inceived to be a consequence of fection at the first place is per-Other scientists, however

increased susceptibility to TB TB may need to be revised," the rent therapeutic regimens for In light of these findings, curtreated with isoniazid exhibit against the dreaded bug. eactivation and re-infection. "Animals that are previously

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spection," Gokhale added.

cent issue of the Journal of Biresearchers reported in a re-

requires careful further intro weak immune system," said Raance as well future immunity, is the key to pathogen cleara balance of immune activation not connected to the research this research is significant and tegrative Biology, Delhi and is jesh Gokhale, who heads the Institute of Genomics and In-"As it is becoming clear that

class of immune cells that fight known as apoptosis – in a key which the medicine triggers the

luces automatic suicides – narmful effects. The drug in-

Miscella necus.