

Zydus announces Ph 1 trial of novel molecule ZYIL1

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Zydus, a leading discovery based, global pharmaceutical company has announced that it has received permission to initiate the Phase 1 clinical trial of ZYIL1, a novel oral small molecule NLRP3 inhibitor candidate.

NLRP3 inflammasomes are involved in the inflammation process by production and release of proinflammatory cytokines IL-1 β and IL-18. This harmful inflammation within the body leads to the onset and development of various kinds of diseases, including Acute Respiratory Distress Syndrome (ARDS), auto-immune diseases, inflammatory diseases, cardiovascular diseases, metabolic disorders, Gastro-intestinal diseases (inflammatory bowel disease), renal diseases and CNS diseases.

Speaking on the development, Pankaj R Patel, Chairman, Cadila Healthcare Ltd, said, "We will study the safety, tolerability, pharmacokinetics and pharmacodynamics of ZYIL1 in this Phase I clinical trial in healthy human volunteers. We are committed to developing these pioneering novel treatments to the clinic for the patients in need."