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Venus Remedies & AdjuTec Pharma partner to combat AMR

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Venus Remedies will leverage its advanced R&D capabilities to assess APC-148â??s potential



AdjuTec Pharma AS, a Norway-based startup developing antibiotic resistance breakers, has entered into a research collaboration agreement with Panchkula-basedVenus Remedies Limited. Venus Remedies Limited will perform a pre-clinical evaluation of AdjuTec Pharma´s APC-148 platform technology.

AdjuTec Pharma has developed novel inhibitor technologies that selectively destroy antibiotic resistance mechanisms in multidrug-resistant bacteria, thereby restoring the effectiveness of commercially available antibiotics. APC-148 is the lead programme, that is presently in phase 1 clinical trials.

As a frontrunner in antimicrobial resistance (AMR) research, Venus Remedies Limited will leverage its advanced R&D capabilities to assess APC-148's potential in restoring the effectiveness of antibiotics against multidrug-resistant bacterial strains.

As part of this engagement, Venus Remedies Limited will test APC-148 in combination with various antibiotics against its extensive library of clinical isolates collected through the GASAR study. The study forms part of Venus Remedies' broader commitment to combating AMR and contributing to the UN's 'One Health' objective.

AdjuTec Pharma and Venus Remedies Limited share a joint mission to address the global health threat against AMR. AMR directly causes 1.3 million global deaths annually and is projected to cause 39 million accumulated global deaths by 2050. If left unchecked, AMR could surpass cancer as the leading cause of mortality.

In India, the situation is especially critical, with AMR being endemic and associated with over 300,000 deaths in 2019 alone, including among newborns. APC-148 has the potential to significantly restore the effectiveness of antibiotics against resistant bacterial strains that are increasingly burdening the Indian healthcare system.