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Dr Colin Jamora wins 2026 Tata Transformation Prize in healthcare category

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This yearâ??s Winners are developing promising technologies to advance food security, reduce chemical pollution, and improve treatments for diabetic foot ulcers



The New York Academy of Sciences and Tata Sons have announced the Winners of the 2026 Tata Transformation Prize, which recognises exceptional scientists in India developing innovative technologies to address critical societal challenges.

Focused on Food Security, Sustainability, and Healthcare, the Prize supports high-impact research with the potential to improve quality of life, translate scientific breakthroughs into practical solutions, and deliver lasting benefits in India and around the world.

Each Winner will receive Rs 2 crore (approximately $210,000) to advance their research and fast-track its real-world application. They will be honored at an awards ceremony in Mumbai in December 2026.

Winner in the healthcare category, Colin Jamora, PhD, Senior Professor, Shiv Nadar University, is developing a regenerative treatment using stem cells naturally found within intact hair follicles to restore healthy skin. Unlike conventional wound treatments, early studies suggest this approach can not only close chronic wounds but also regenerate blood vessels, nerves, and sweat glands, potentially restoring the skin's ability to heal after subsequent injury.

Dr Jamora will test the treatment in diabetic patients and investigate how hair follicles promote healing and regeneration, with the goal of developing an affordable, scalable therapy that is accessible to underserved communities across India that could ultimately benefit patients with other difficult-to-heal wounds.

Other winners include-

Food Security: Lakshminarayana Rao, PhD, Indian Institute of Science

Sustainability: Amol Kulkarni, PhD, CSIR-National Chemical Laboratory

The Winners were selected by an international jury of distinguished scientists, clinicians, technologists, and engineers from a competitive field of 217 nominations representing 19 Indian states.