

**Thoothukudi Medical College Dermatologists unravel a novel solution for Psoriasis Vulgaris using Neu-REFIX Beta glucan jointly with Japanese scientists.**

*Data presented in IFPA 7<sup>th</sup> World Psoriasis conference, in Stockholm, Sweden*

28, June, 2024; A breakthrough improvement in clinical signs and symptoms of Psoriasis Vulgaris proven by skin biopsy, following oral consumption of Neu REFIX Beta glucan for 28 days in a clinical trial conducted by the team of Prof. J. Thadeus, Head, Dept. of Dermatology, Govt. Thoothukudi Medical College, taking technical advice from Japanese scientists was presented in the International Federation of Psoriasis Associations (IFPA) Conference; The 7<sup>th</sup> World Conference of Psoriasis and Psoriatic Arthritis, held in June in Stockholm, Sweden. Prof. J. Suresh Durai, of Tirunelveli Medical College and Dr. Ichiro Miura of Obihiro Hospital, Hokkaido, Japan, meticulously evaluated the skin biopsy findings to confirm the improvement.

Psoriasis is a multi-factorial inflammatory skin disease that affects 2~3% of the total population. About 20~30% of patients may progress to psoriatic arthritis, which affects the joints. The disease pathology being highly complex, and a definitive cure is not currently available, disease modifying treatments remain the mainstream of management. Based on the earlier reports by Japanese scientists in pre-clinical and clinical studies using Neu REFIX Beta glucans, Dr. Thadeus conducted this trial in 30 patients; 20 of them took Neu REFIX along with conventional therapies while the other 10 had only conventional therapies. In the study, 80% of the patients who consumed Neu REFIX showed improvements in their skin condition. Infiltration of lymphocytes in skin, the cause of skin lesions and inflammation were significantly reduced in them compared to those who had only conventional treatment. PASI Score, which is the gold standard for evaluating the clinical severity also reduced significantly in Neu REFIX group. Dr. Thadeus is planning to organize an International Seminar to commemorate the World Psoriasis Day in October where the findings will also be shared.

[Research on this novel  \$\beta\$ -glucan started in 2009](#), has proven the safety of this allergen-free Neu REFIX compound in [KK-Ay mice](#), [SD rats](#), [NASH](#) and [mdx mice](#) models. Clinical studies in [healthy volunteers](#) and [Duchenne muscular Dystrophy \(DMD\)](#) patients have shown its efficacy as an anti-inflammatory, immunomodulating adjuvant along with [beneficial gut microbiome reconstitution](#), is now a hope to Psoriasis patients, added the scientists.

The study team gratefully acknowledges the support of the Dean, Thoothukudi Government Medical College, Dr. G. Sivakumar.

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*\*This press release has been provided by Thoothukudi Government medical college, Tamil Nadu India*



Dr. J. Thadeus, Professor of Dermatology Government Thoothukudi Medical College Hospital, Tamilnadu, India & Principal investigator of the study (Center) with Dr. Santhiya Vadhana (Right) & Dr. Joshuva Thadeus (Left), co-authors of the study.



Dr. Ichiro Miura, Chief of Clinical Investigations & Pathology, Obihiro Hospital, Hokkaido, Japan, who evaluated the lymphocyte infiltration from the histopathology data of skin biopsies & a co-author of the presentation.



Dr. J. Suresh Durai, Professor of Pathology & Vice-Principal, Tirunelveli Medical College, Tirunelveli, TN, India, whose lab processed the skin biopsies of the clinical study & a co-author of the presentation.