

PRESS RELEASE



FOR IMMEDIATE RELEASE

Hong Kong, August 8, 2023

PROFESSOR WONG WING TAK AND TEAM UNVEIL GROUNDBREAKING RESEARCH ON TYPE 2 CYTOKINES AND ANGIOGENESIS IN ISCHEMIC MUSCLE

In a significant advancement for cardiovascular research, Prof. Wong Wing Tak and his research team have unveiled new findings on the role of Type 2 cytokines in promoting angiogenesis in ischemic muscle via endothelial IL-4Ra signaling. This pioneering study, published in a leading scientific journal, opens new avenues for therapeutic strategies to treat ischemic diseases.

Key Findings:

The study, titled "Type 2 Cytokines Promote Angiogenesis in Ischemic Muscle via Endothelial IL-4Ra Signaling," provides novel insights into the mechanisms by which Type 2 cytokines enhance blood vessel formation in ischemic tissues. The key findings of the research include:

1. **Mechanism of Action:** The identification of the IL-4Ra signaling pathway in endothelial cells as a crucial mediator in the angiogenic process driven by Type 2 cytokines.
2. **Therapeutic Potential:** Evidence that targeting the IL-4Ra signaling pathway could be a promising therapeutic approach to enhance angiogenesis and improve outcomes in patients with ischemic muscle diseases.
3. **Clinical Implications:** The potential to develop new treatments that leverage Type 2 cytokines to stimulate blood vessel growth in ischemic tissues, thereby improving blood flow and tissue regeneration.

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Impact on Cardiovascular Medicine

Prof. Wong's research addresses a critical challenge in cardiovascular medicine: the need for effective treatments to promote angiogenesis in ischemic tissues. By elucidating the role of Type 2 cytokines and the IL-4Ra signaling pathway, this study offers a promising new direction for developing therapies that could significantly benefit patients suffering from ischemic conditions such as peripheral artery disease and myocardial ischemia.

Quote from Prof. Wong Wing Tak

"Our research highlights the significant potential of Type 2 cytokines in promoting angiogenesis through the IL-4Ra signaling pathway. This discovery not only advances our understanding of the biological mechanisms underlying angiogenesis but also opens up exciting possibilities for developing new treatments for ischemic diseases," said Prof. Wong.

About Prof. Wong Wing Tak

Prof. Wong Wing Tak is a distinguished scientist in the field of cardiovascular research, with extensive experience in studying the molecular and cellular mechanisms of angiogenesis. His work has been instrumental in advancing the understanding of how cytokines and signaling pathways contribute to vascular health and disease.

About the Research Team

The research was conducted by a multidisciplinary team of experts in cardiovascular biology, molecular medicine, and clinical research. Their collaborative efforts have led to this groundbreaking discovery, which holds significant promise for the future of cardiovascular therapy.

For more information on the study "Type 2 Cytokines Promote Angiogenesis in Ischemic Muscle via Endothelial IL-4Ra Signaling," please visit the publication in the scientific journal.

For media inquiries or to request an interview with Prof. Wong Wing Tak and his research team, please contact us by email at business@nutrigeneAI.com.