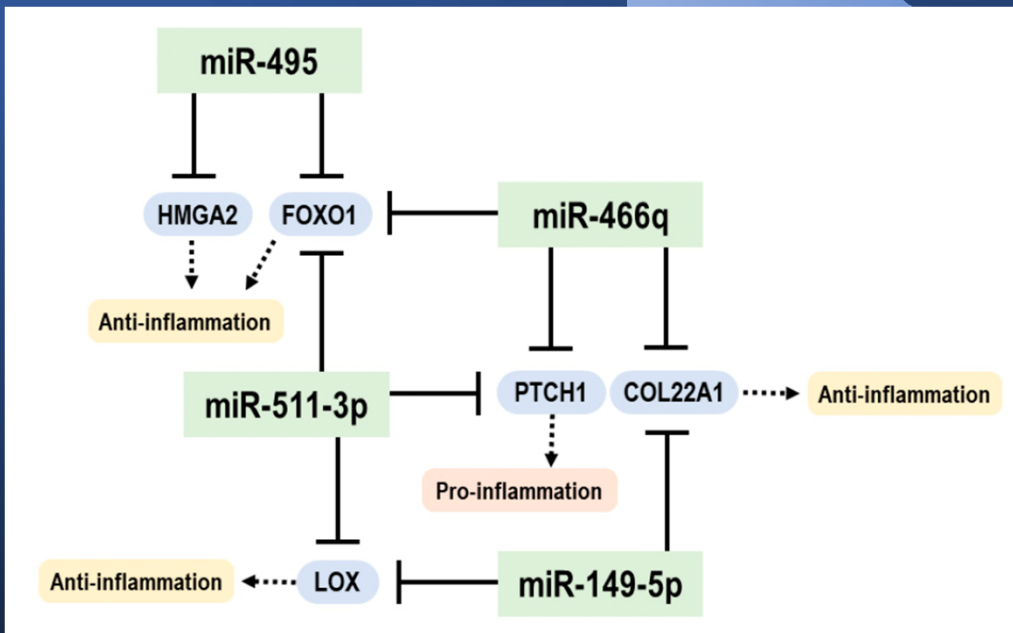




博士課程育成支援学生

医学系研究科・分子病態学の
スチンゴワ ツデンバトです。
いま博士4年生です。



My research focuses on elucidating epigenetic factors of sepsis by analyzing miRNA expression profiles in intestinal epithelial cells (IECs).

The study found that the miRNAs upregulated in IECs after sepsis regulate both pro- and anti-inflammatory downstream pathways, which may implicate protective and detrimental effects on epithelial inflammation.



Article

MicroRNA Profiles in Intestinal Epithelial Cells in a Mouse Model of Sepsis

Siqingaowa Caidengbate ^{1,†}, Yuichi Akama ^{1,2,†}, Anik Banerjee ^{3,4,†}, Khwanchanok Mokmued ¹, Eiji Kawamoto ^{1,2}, Arong Gaowa ¹, Louise D. McCullough ³, Motomu Shimaoka ¹, Juneyoung Lee ^{3,*} and Eun Jeong Park ^{1,*}

I am pleased that our research entitled MicroRNA Profiles in Intestinal Epithelial Cells in a Mouse Model of Sepsis has been published in *Cells* (2021 Impact Factor 7.666) as part of a Special Issue on Cellular Reprogramming during Sepsis and Potential Therapeutic Targets.

Thus, our study has been recognized as significant research in the field. I am grateful to Graduate School Doctoral Program , grateful to my research collaborators for their contribution to this work. I want to continue a significant step forward to develop my academic and research careers further.



Thank you!