

## The roles of MAM in the activation of intestinal macrophages in inflammation



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### Research summary

Tissue-resident macrophages recognize dead cells or tissue damages in various physiological conditions, and initiate inflammation and immune responses. These responses by the macrophages are recently found to play important roles in determining the pathology of various diseases. We have currently identified the CD169-positive macrophages as the cells that orchestrate the immune responses associated with tissue damage. In this study, we are focusing on the roles of MAM in the activation of CD169-positive macrophages in inflammatory conditions, and are investigating the therapeutic strategy with regulating the function of MAM in these macrophages.

### References

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