



ASO VISUAL ABSTRACT

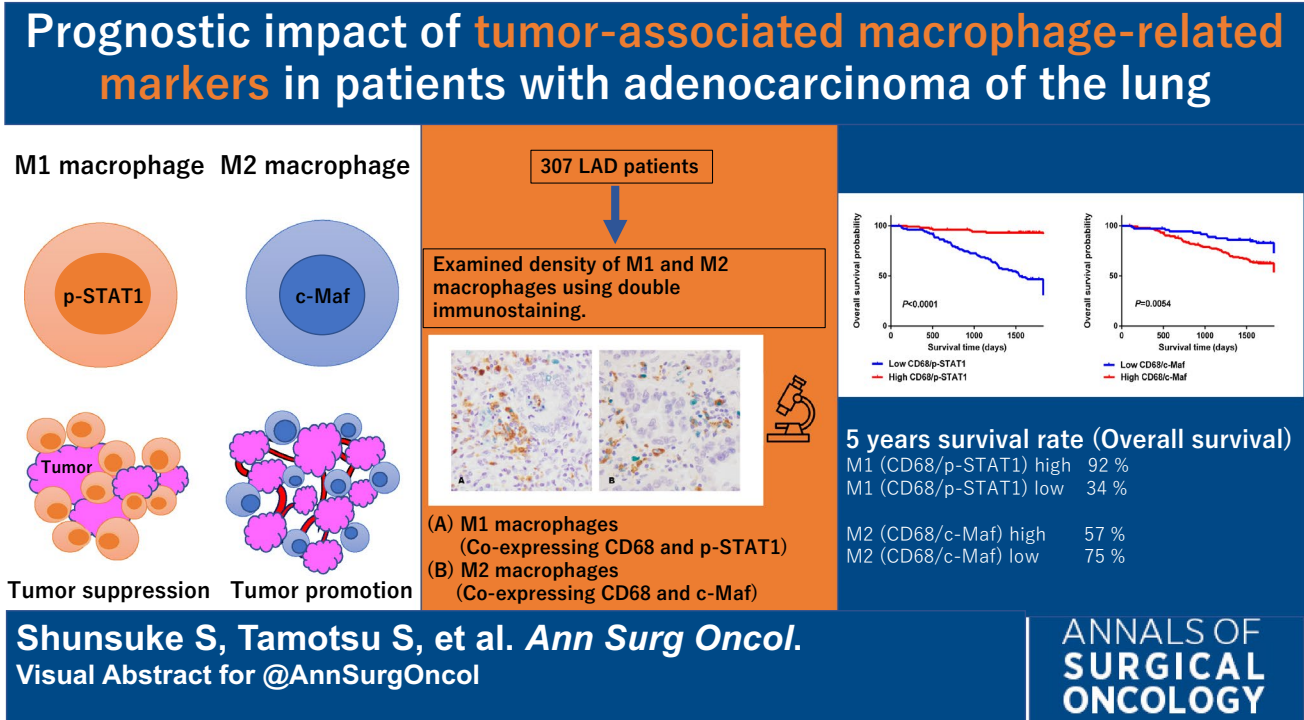
ASO Visual Abstract: Prognostic Impact of Tumor-Associated Macrophage-Related Markers in Patients with Adenocarcinoma of the Lung

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This study examined whether the density of M1 and M2 macrophages was associated with prognosis for patients with lung adenocarcinoma (LAD) using double-labeling immunohistochemistry (<https://doi.org/10.1245/s10434-023-13384-9>).

Overall, the findings suggest that double immunostaining of markers of phospho-STAT1 (M1) and c-Maf (M2) can be used as prognostic indicators for patients with LAD.



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AUTHOR CONTRIBUTIONS SS the first author, constructed the figures and tables and performed the statistical analyses. TS, the corresponding author, contributed to the preparation of the manuscript, including all aspects of the data collection and analysis. NY helped perform the immunohistochemical staining. MO assisted with the statistical analyses. NY and MS helped with interpretation of the pathological results. HS and MM provided clinical support during the preparation of the manuscript.

FUNDING No funding was received for this study.

DATA AVAILABILITY The datasets used and/or analyzed during the current study are available from the corresponding author on reasonable request

DISCLOSURES

Conflict of interest There are no conflicts of interest.

HUMAN RIGHTS STATEMENT AND INFORMED CONSENT All procedures were performed in accordance with the ethical standards of Iwate Medical University and the Declaration of Helsinki. A substitute for informed consent (approved by the institutional review board of Iwate Medical University) was obtained from all patients included in the study.

CONSENT FOR PUBLICATION Not applicable.

ETHICAL APPROVAL AND CONSENT TO PARTICIPATE Informed consent was obtained from each patient according to institutional guidelines, and the research protocols were approved by the ethics committee of Iwate Medical University Hospital (approval number MH2021-068).

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