

Identification of the Mechanisms of Autoimmune Diseases and Development of New Therapeutic Agents

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Research Area

1. Synthesis of Candidate Compounds (Lead Compounds) and Synthesis of New Small Molecule Compounds.
2. Evaluation of treatment with lead compounds and novel small molecule compounds using mouse models of autoimmune diseases.

Recent Activities

- Overactivation of Akt Contributes to MEK Inhibitor Primary and Acquired Resistance in Colorectal Cancer Cells. *Cancers*. 11(12): 1866 (2019).
- Combination therapy with dacarbazine and statins improved the survival rate in mice with metastatic melanoma. *J. Cell. Physiol.* 234(10): 17975–17989 (2019).