

Resource Summary Report

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Insulin Tolerance Test in Mouse

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Type: Protocol

Proper Citation

Nancy Smith, Mourad Ferdaoussi, Haopeng Lin, Patrick Macdonald 2020. Insulin Tolerance Test in Mouse. protocols.io dx.doi.org/10.17504/protocols.io.wxjffkn

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.wxjffkn>

Authors: Nancy Smith, Mourad Ferdaoussi, Haopeng Lin, Patrick Macdonald

Group: CIRTNR2FIC

Summary: This protocol details the insulin tolerance test in mice. This is performed on C57Bl6, transgenic SENP1 KO and ZMIZ1 KO mouse models. Typically glucose tolerance tests (GTTs) are performed at 12 weeks of age, followed by an ITT 2 weeks later. Some mice are put on High Fat Diet and an ITT repeated following 10 weeks on High Fat Diet. Once the in vivo studies are complete, the pancreas or islets are isolated for further ex vivo experiments.

Affiliations: University of Alberta, University of Alberta, University of Alberta, University of Alberta

External URL: <http://www.bcell.org>

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