# Adoptive Transfer of Murine Engineered T Regulatory Cells Ameliorates Disease in a Model of Lipopolysaccharide Induced Acute Lung Injury

Madison Milaszewski<sup>#</sup>, Maegan E Hoover<sup>#</sup>, Carlos E Frias, Abigail Doherty, Nicole R Reed, Tiffany F Chen, Thomas Wickham, Payam Zarin GentiBio, Inc., Cambridge, MA, USA



- Reduction of collagen deposition in the lungs of mEngTreg treated ALI animals suggests downstream protection from late-stage fibrotic disease.

• These data lend support to the use of allogeneic CD4 derived Engineered Tregs as a powerful off-the-shelf therapeutic approach for acute onset inflammatory and ischemic diseases including ARDS.

\*, \*\*, \*\*\*, \*\*\*\* = p-value < 0.01, 0.005, 0.001 and 0.0001 respectively.

# Denotes equal contribution