

Fast *in vitro* screening of new pharmacological candidates targeting myelin and Schwann cells

Day 1



mSC80 cell culture

Day 5

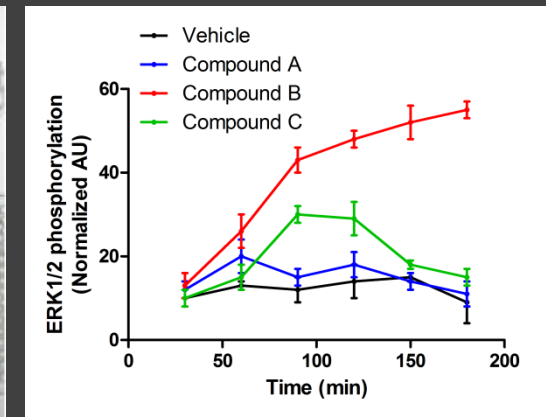


Sponsor compound treatment

Day 6



Time-lapse ELISA analysis depending on sponsor compound target



mSC80 is a mouse Schwann cell line widely used to study the molecular mechanism of myelination *in vitro* and to rapidly screening the efficacy of new pharmacological candidates targeting Schwann cell signaling and demyelinating process.

In vivex validated and automatized this procedure allowing to select the best sponsor drug candidate, increasing the preclinical *in vivo* study success and allowing economic drug optimization.