







CONDITIONED MEDIA CAN BE VARIABLE, IS YOURS OKAY? CAN YOU REPLACE IT WITH A RECOMBINANT PROTEIN? SOMETIMES THAT CAN DO THE TRICK

OR ARE YOUR GROWTH FACTORS GOING OFF IN THE FRIDGE?

USE A FRESH ALIQUOT FROM THE FREEZER EVERY TIME, AND DON'T LET YOUR MEDIA HANG AROUND FOR TOO LONG





OR MAYBE THIS RECIPE ISN'T RIGHT FOR YOUR ORGANOIDS

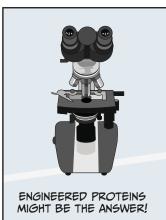
PERHAPS SWITCH TO A SET OF GROWTH FACTORS THAT MODEL THE NICHE BETTER?

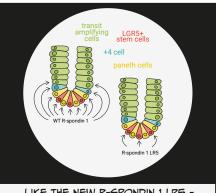




LIKE THE
CLASSIC STORY
OF NOGGIN AND
GREMLIN. BOTH ARE BMP
INHIBITORS IN THE
INTESTINAL NICHE. PEOPLE
USE THEM INTERCHANGEABLY,
BUT THEIR ACTIVITY ON
ORGANOIDS IS DIFFERENT.







LIKE THE NEW R-SPONDIN 1 LR5 -IT ONLY ACTS ON THE LGR5+ STEM CELL POPULATION



