“Organoid unit” TESI rescues rat model of IF

Mouse primary intestinal organoids derived from Lgr5+ ISC

ENS progenitors incorporated into PSC-derived HIOs

VES from Lgr5 organoids on PGA scaffold

TESI combining organoids, fibroblasts & decellularised scaffolds derived from IF patients

TESI combining HIOs, endothelial cells & decellularised scaffold

SI organoids delivered onto colonic scaffold in vivo

TESI from ESC-derived HIOs on PGA scaffold

TESI from Lgr5 organoids on PGA scaffold

Lgr5+ ISCs defined

Breast epithelia organise into 3D ducts in ECM extract

iPSC from human fibroblasts

iPSC from human fibroblasts

iPSC from mouse fibroblasts

Mouse primary intestinal organoids derived from Lgr5+ ISC

Intestinal organoids from PSC (HIOs)

Human intestinal organoids derived from Lgr5+ ISC

Vascularisation of organoids with R-VEC

“Organoid unit” TESI with “organoid units”

ITE with “organoid units”

PSC from mouse embryo

ESC from human blastocyst

iPSC from mouse embryo

PSC from mouse embryo

Human intestinal organoids

Human intestinal organoids

Human intestinal organoids

Human intestinal organoids

Human intestinal organoids

Human intestinal organoids

Human intestinal organoids

Human intestinal organoids

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