

Regular Wednesday IMG seminar

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“Terminal differentiation of villus-tip enterocytes is governed by distinct members of Tgf β superfamily”

The protective and absorptive functions of the intestinal epithelium rely on differentiated enterocytes in the villi. The differentiation of enterocytes is orchestrated by sub-epithelial mesenchymal cells producing distinct ligands along the villus axis, in particular Bmps and Tgf β . The current model expects the existence of the Bmp gradient that is responsible for the gradual enterocytic differentiation. Our results partially break the dogma indicating the individual Bmp ligands and Tgf β drive distinct enterocytic programs specific to villus zonation.

The seminar will be held

on Wednesday 5th April 2023 at 15:00

in the Milan Hašek Auditorium at IMG

(Institute of Molecular Genetics of the Czech Academy of Sciences, Vídeňská 1083, Prague 4)
