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Project title	3D printing
Aim of project (max 1100 characters)	We want to 3D print a mold for a small intestinal structure to be finally copied into a hydrogel.
Scientific background (max 2000 characters)	The 3D architecture of the small intestine consists of a crypt-villi structure, essentially working to enhance the absorptive area of the intestine to facilitate nutrient uptake. This structure also spatially arranges the different cell types of the small intestinal epithelium into specifically localized zones. With this project we want to 3D print a mold to create this 3D architecture in a hydrogel to study the cells' arrangement on this structure.
Motivation for need of microfluidics (max 2000 chars)	3D printer
Expected outcome (max 3200 chars)	3D printed mold
Acknowledgments	I will acknowledge Life Science Microfluidics in all resulting publications