

Electronic Supplementary Material (ESI) for Lab on a Chip

Supporting Information

Fish-gut-on-chip: Development of a microfluidic bioreactor to study the role of the fish intestine *in vitro*

Carolin Drieschner,^{ab} Sarah Könemann,^{ac} Philippe Renaud^b and Kristin Schirmer^{*acd}

^a*Department of Environmental Toxicology, Eawag (Swiss Federal Institute of Aquatic Science and Technology), Dübendorf, Switzerland Address here.*

^b*Microsystems Laboratory 4, School of Architecture, EPFL (École Polytechnique Fédérale de Lausanne), Lausanne, Switzerland Address here.*

^c*Department of Civil and Environmental Engineering, School of Architecture, EPFL (École Polytechnique Fédérale de Lausanne), Lausanne, Switzerland*

^d*Department of Environmental Systems Science, ETHZ (Swiss Federal Institute of Technology in Zurich), Zürich, Switzerland*

*Corresponding author: kristin.schirmer@eawag.ch

Supplementary Materials

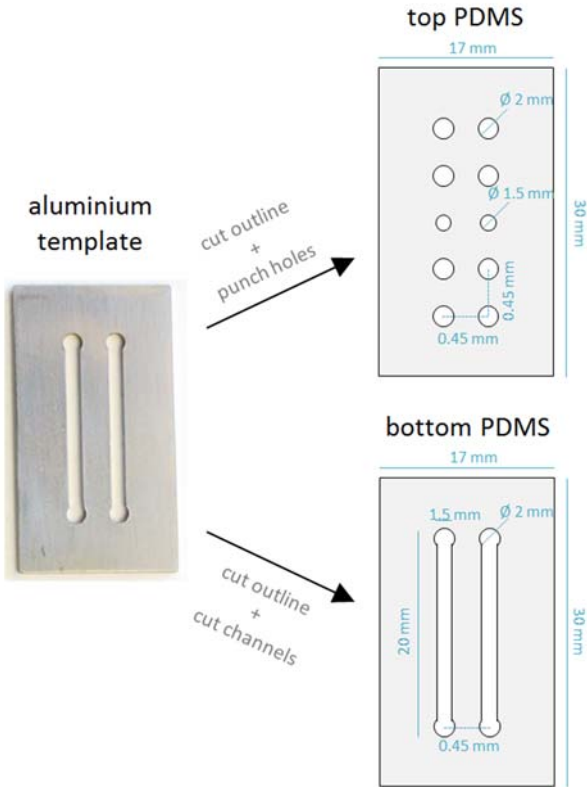


Figure S1. Manufacturing of PDMS sheets for integration in the fish-gut-on-chip. Spin-coated sheets of PDMS were cut to shape by using the aluminium template, a scalpel and a 2 mm and a 1.5 mm puncher.