

Supplementary information

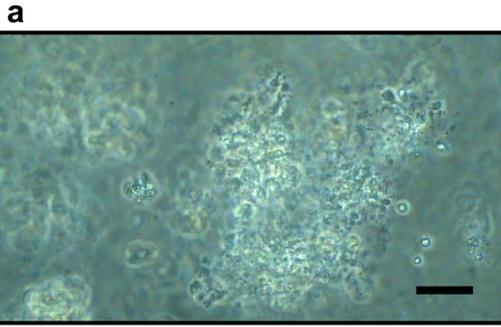


Figure S1. Isolated submucosal plexus, first day. Scale bars = 50 μ m



Figure S2. Isolated crypt, first day. Scale bars = 50 μ m

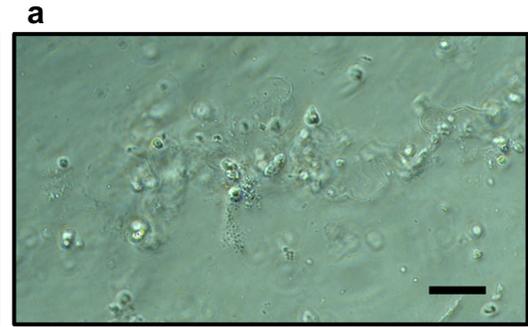


Figure S3. Isolated submucosal plexus, third day. Scale bars = 50 μ m

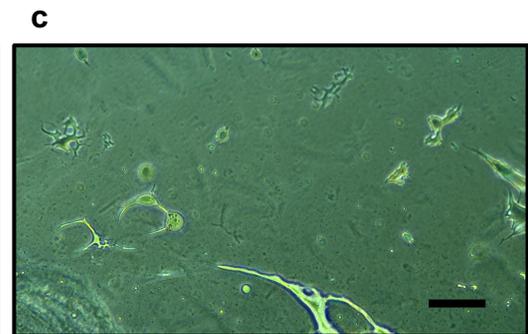
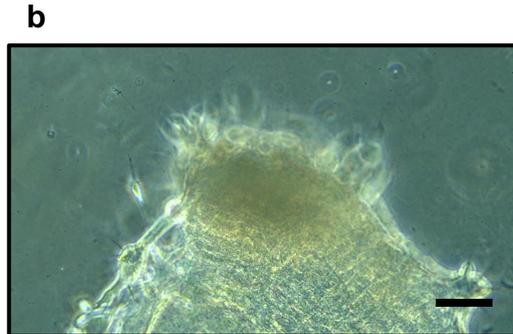
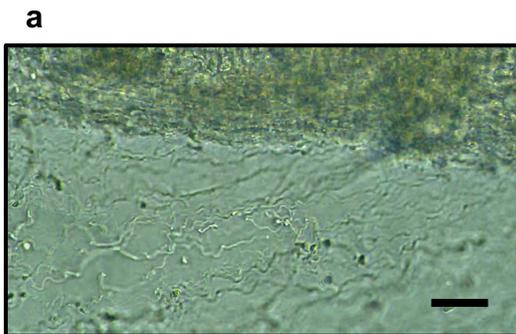


Figure S4. Isolated myenteric plexus, fourth day. (a) Neuronal projections forming a brush border. (b) Neuronal bodies. (c) Myenteric neurons and glia cells. Scale bars = 50 μ m

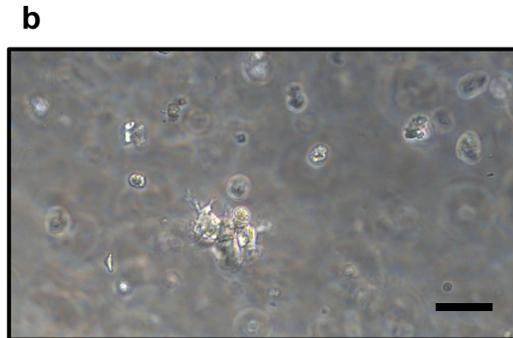
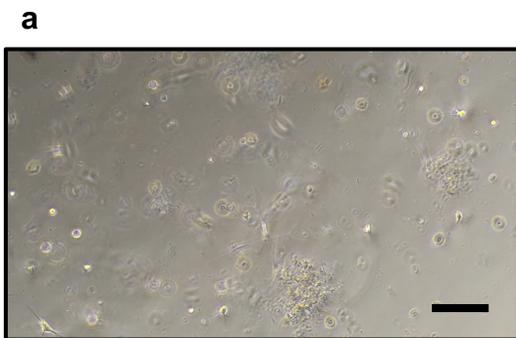


Figure S5. Isolated submucosal plexus, eighth day. Scale bars = 50 μ m

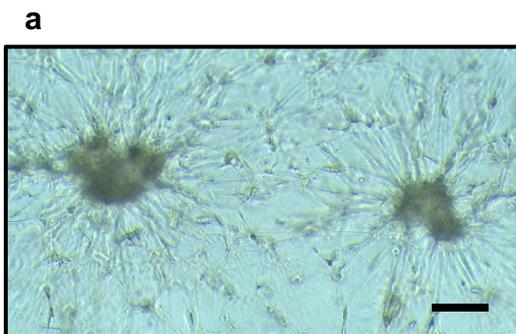


Figure S6. Isolated myenteric plexus, eighth day. Scale bars = 100, 50 μ m respectively.

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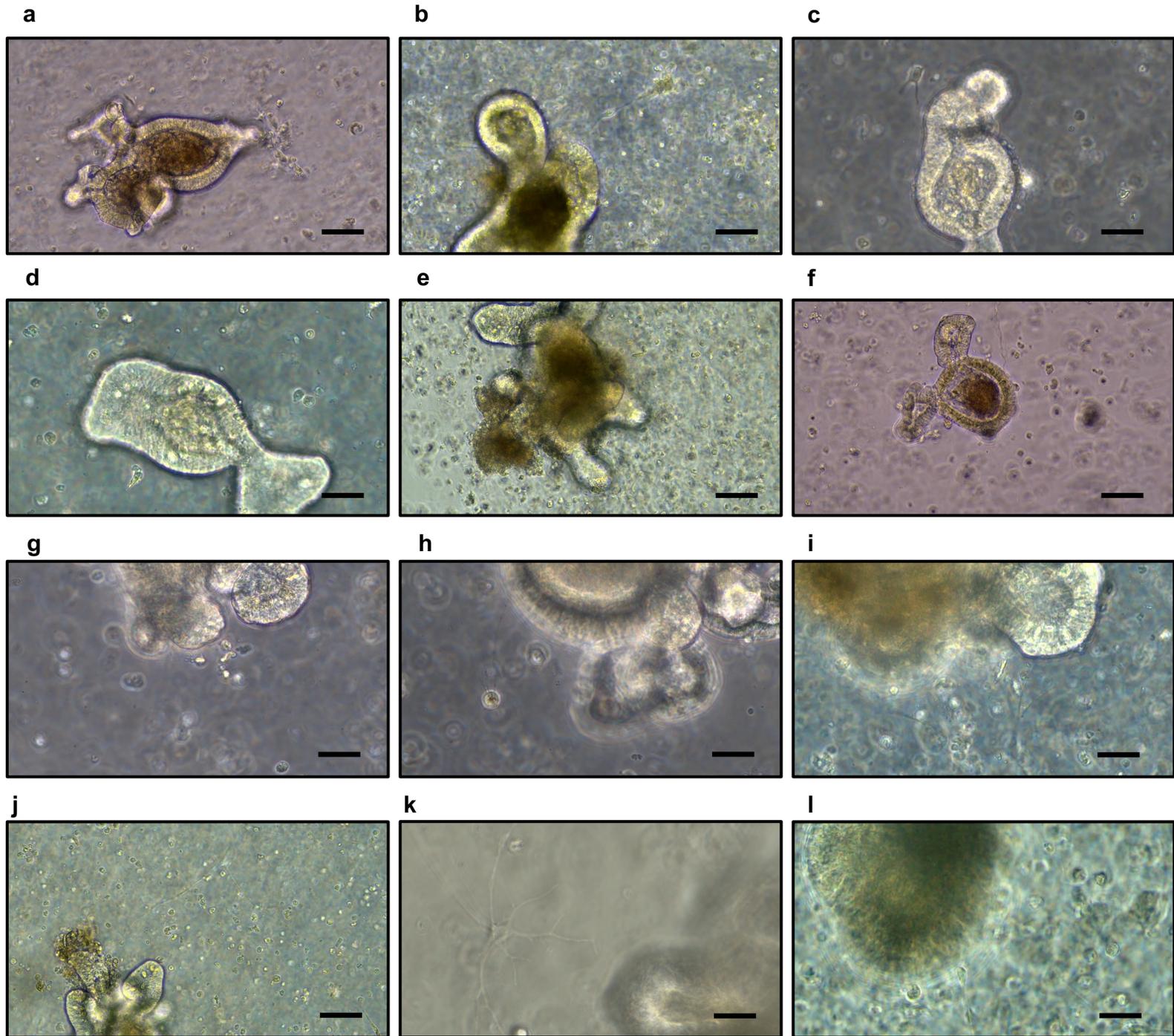


Figure S7. Myenteric and submucosal neurons in co-culture with small intestinal organoids, after 4 days. Scale bars = 100 µm.

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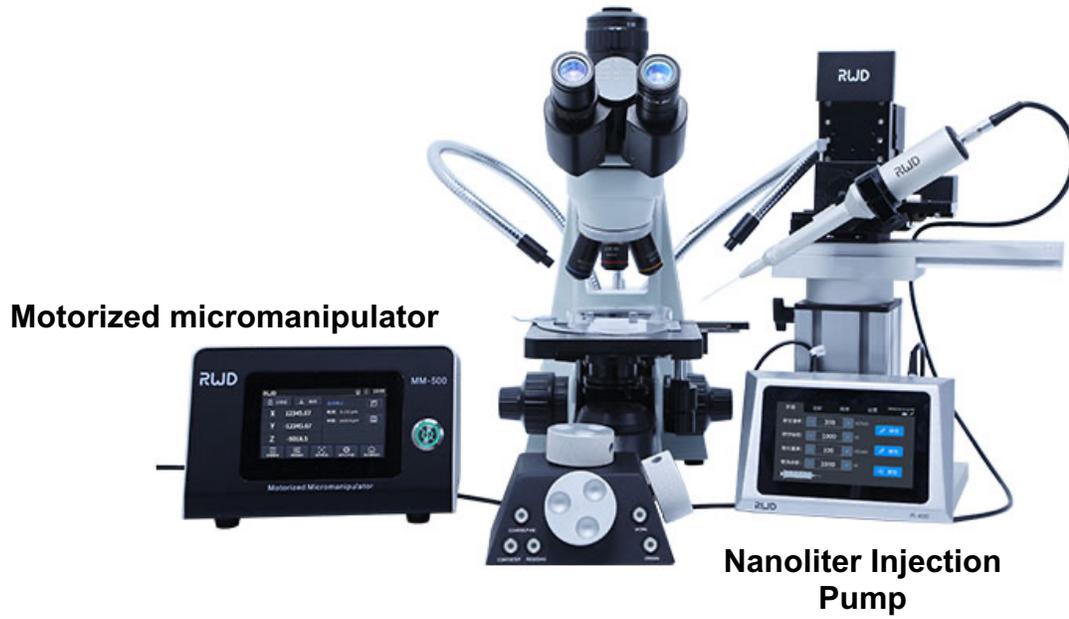


Figure S8. R-480 Nanoliter Microinjection Pump and 3-Axis motorized micromanipulator (#MM-500). Picture adapted from www.rwdstco.com website.