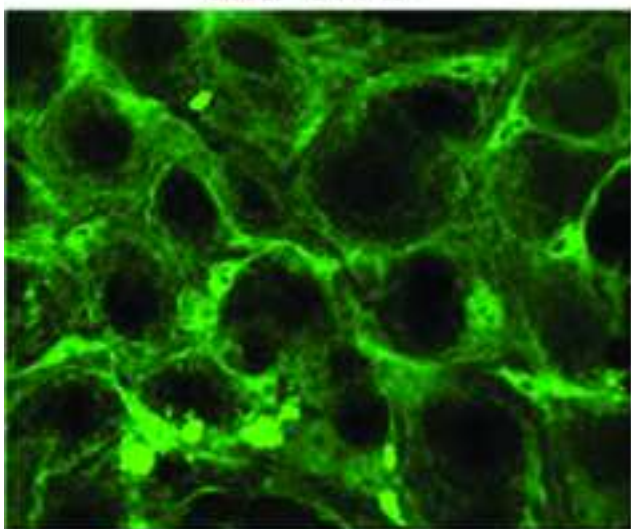
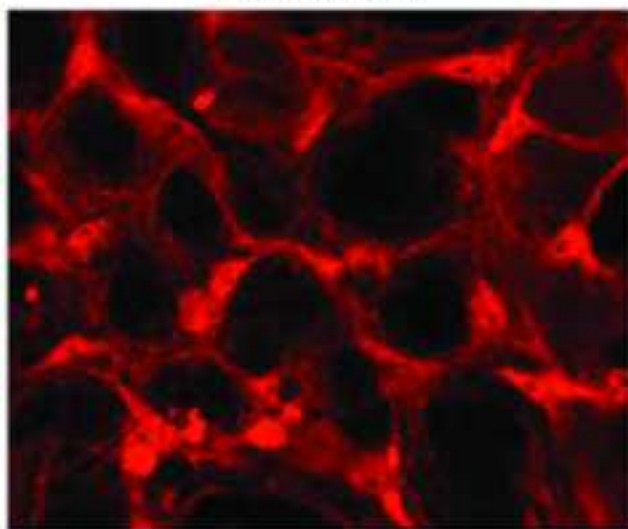


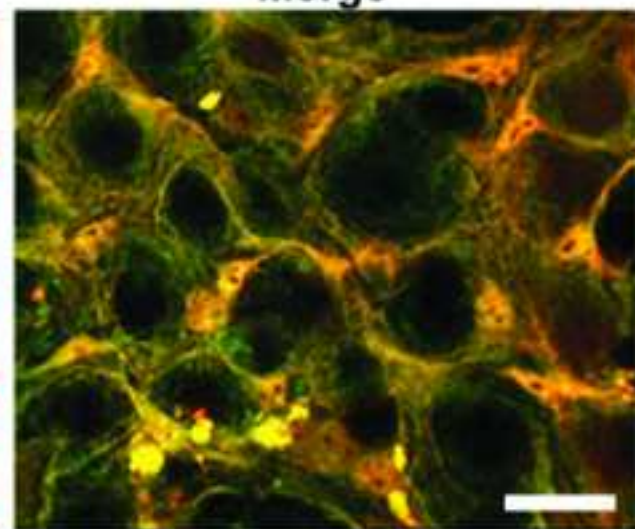
**anti-GFAP**

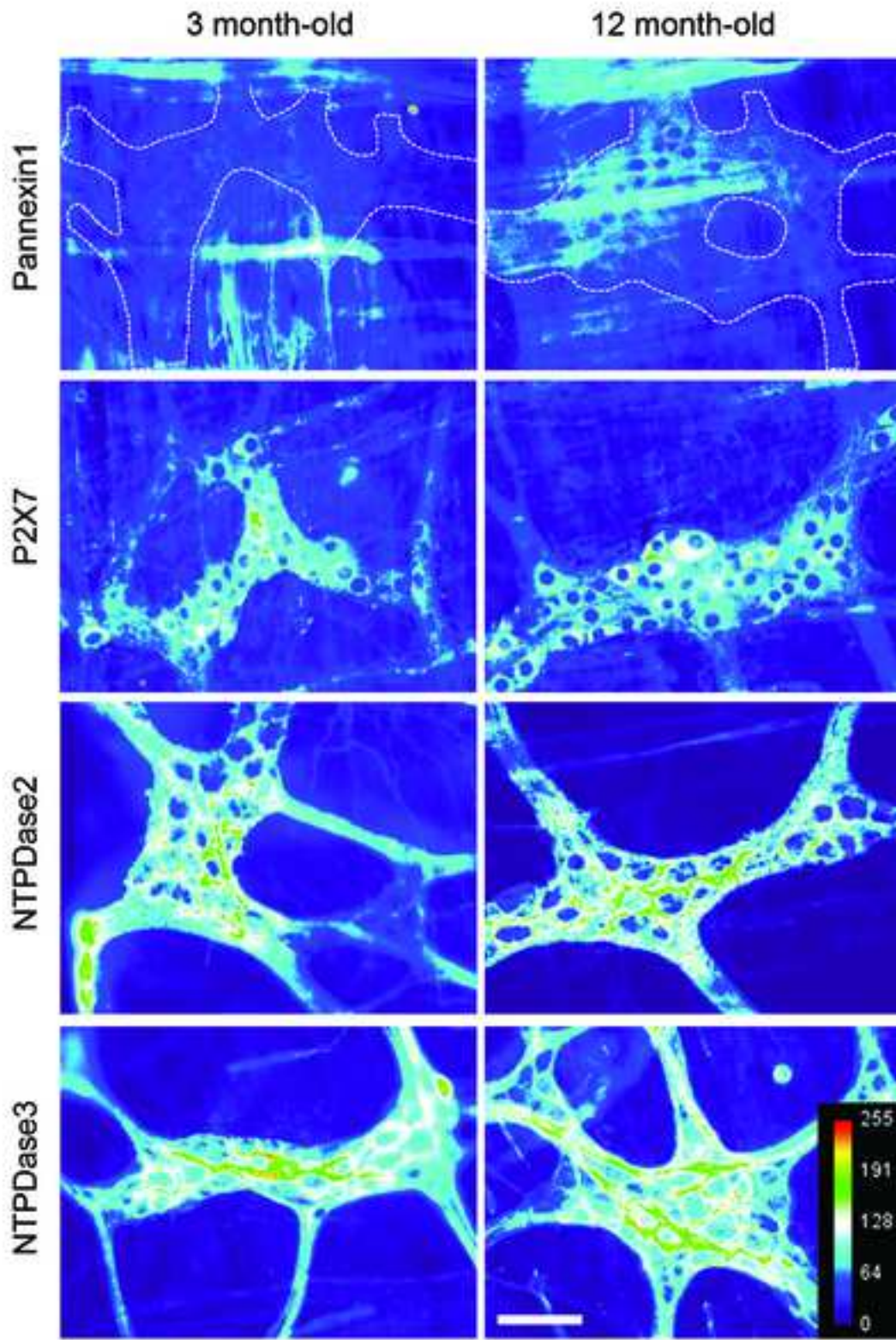


**tdTomato**



**Merge**





<b>Antibody</b>	<b>Source</b>	<b>Dilution</b>
<b>Primary Antibodies</b>		
rabbit anti-pannexin1	Invitrogen, Carlsbad, CA	1:100
rabbit anti-P2X7R	Alomone Labs, Ltd., Jerusalem, Israel	1:200
chicken anti-GFAP	Abcam, Cambridge, MA	1:1,000
rabbit anti-GFAP (Suppl. Fig. 1)	Sigma (S9269), St. Louis, MO	1:50
rabbit anti-connexin43	Abcam, Cambridge, MA	1:1000
rabbit anti-connexin43 (Fig. 1B,C)	Sigma, St. Louis, MO	1:500
rabbit anti-NTPDase2	Jean Sévigny, Université Laval, QC*	1:500
guinea pig anti-NTPDase3	Jean Sévigny, Université Laval, QC*	1:100
mouse anti- $\beta$ -actin	Sigma, St. Louis, MO	1:5,000
<b>Secondary Antibodies</b>		
goat anti-rabbit Alexa Fluor <sup>®</sup> 488	Invitrogen, Carlsbad, CA	1:400
goat anti-rabbit Alexa Fluor <sup>®</sup> 568	Invitrogen, Carlsbad, CA	1:200
goat anti-chicken Alexa Fluor <sup>®</sup> 488	Invitrogen, Carlsbad, CA	1:200
goat anti-chicken Alexa Fluor <sup>®</sup> 568	Invitrogen, Carlsbad, CA	1:200
donkey anti-guinea pig Alexa Fluor <sup>®</sup> 594	Jackson Labs, West Grove, PA	1:200
goat anti-rabbit Alexa Fluor <sup>®</sup> 647	Invitrogen, Carlsbad, CA	1:10,000
goat anti-mouse IRDye <sup>®</sup> 800	Rockland, Gilbertsville, PA	1:10,000

\*Please see <http://www.ectonucleotidases-ab.com/> for a complete listing of antibodies produced by Jean Sévigny

**Supplementary Figure 1.** Cre recombination in EG. Confocal microscopy of the myenteric plexus from the colon of a *hGFAP::Cre<sup>ERT2+/-</sup>/tdTomato<sup>+/-</sup>* reporter mouse treated with tamoxifen. Tamoxifen-mediated recombination drives tdTomato expression in all EG expressing GFAP, a specific marker of EG, but not other cells in the gut. Scale bar = 10  $\mu$ m.

**Supplementary Figure 2.** Representative immunoreactivity for pannexin-1 hemichannels, P2X7 receptors, NTPDase2 and NTPDase3 in myenteric ganglia from mice at 3 and 12 m.o.a.. Images are shown as heatmaps to depict immunofluorescence intensity (AFU = arbitrary fluorescence units). Scale bar = 60  $\mu$ m in 12 m.o.a. NTPDase3 applies to all heatmaps.

**Supplementary Table 1.** Details of primary and secondary antibodies used.