

Title	Journal	Link	Publication date	References	Top Paper
A Novel Noninvasive Method for Quantitative Detection of Colonic Dysmotility Using Real-Time Ultrasonography	Digestion		2020	Kazuhisa, Kishi, Noriyuki, Kaji, Yoshiharu, Tsuru, Masatoshi, Hori	Yes
Molecular Contrast-Enhanced Ultrasound Imaging of Radiation-Induced P-Selectin Expression in Healthy Mice Colon	International Journal of Radiation Oncology*Biological*Physics	http://linkinghub.elsevier.com/retrieve/pii/S0360301616333843	2017	Ahmed, El Kaffas, Kevin, Smith, Pooja, Pradhan, Steven, Machtaler, Huaijun, Wang, Rie, von Eyben, Jürgen K., Willmann, Dimitre, Hristov	Yes
Assessment of murine colorectal cancer by micro-ultrasound using three dimensional reconstruction and non-linear contrast imaging	Molecular Therapy — Methods & Clinical Development	http://www.nature.com/articles/mtm201670	2016	Jessica L, Freeling, Khosrow, Rezvani	Yes
In-vivo monitoring of acute DSS-Colitis using Colonoscopy, high resolution Ultrasound and bench-top Magnetic Resonance Imaging in Mice	European Radiology	http://link.springer.com/10.1007/s00330-015-3714-3	2015	J., Walldorf, M., Hermann, M., Porzner, S., Pohl, H., Metz, K., Mäder, A., Zipprich, B., Christ, T., Seufferlein	Yes
Intraluminal gel ultrasound and eco-color doppler: new tools for the study of colorectal cancer in mice.	In vivo (Athens, Greece)	http://www.ncbi.nlm.nih.gov/pubmed/23812213	2013	Antonio, Barbieri, Maria Luisa, Barretta, Domenica, Rea, Carmine, Picone, Olimpia, Fabozzi, Giuseppe, Palma, Luciano, Antonio, Alessandro, Federico, Sabrina, Bimonte, Francesca, Setola, Elisabetta, De Lutio Di Castelguidone, Maria, Castellano, Adolfo Gallipoli, D'Errico, Michele, Caraglia, Claudio, Arra	Yes

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Role of innate immunity and altered intestinal motility in LPS- and MnCl2-induced intestinal intussusception in mice.	American journal of physiology. Gastrointestinal and liver physiology	http://www.ncbi.nlm.nih.gov/pubmed/24407593	2014	Kristin E, Killoran, Amber D, Miller, Karen S, Uray, Norman W, Weisbrodt, Robia G, Pautler, Sanna M, Goyert, Nico, van Rooijen, Margaret E, Conner	Yes
High-frequency ultrasound for in vivo measurement of colon wall thickness in mice.	Ultrasound in medicine & biology	http://www.ncbi.nlm.nih.gov/pubmed/22266235	2012	Mostafa a, Abdelrahman, Gemma, Marston, Mark a, Hull, Alexander F, Markham, Pamela F, Jones, J Anthony, Evans, P Louise, Coletta	Yes
Assessment and Monitoring Tumor Vascularity With Contrast-Enhanced Ultrasound Maximum Intensity Persistence Imaging	Investigative Radiology		2011	Marybeth A, Pysz, Kira, Foygel, Cedric M, Panje, Andrew, Needles, Lu, Tian	Yes
Anti-VEGF therapy reduces intestinal inflammation in Endoglin heterozygous mice subjected to experimental colitis	Angiogenesis	http://www.ncbi.nlm.nih.gov/pubmed/24510304	2014	Daniela S, Ardelean, Melissa, Yin, Mirjana, Jerkic, Madonna, Peter, Bo, Ngan, Robert S, Kerbel, F Stuart, Foster, Michelle, Letarte	Yes
Antiangiogenic Cancer Therapy : Monitoring with Molecular US and a Clinically Translatable Contrast Purpose : Methods : Results :	Radiology	http://www.ncbi.nlm.nih.gov/pubmed/20515975	2010	Agent, Br, Marybeth A, Pysz, Kira, Foygel, Jarrett, Rosenberg	No