

# Kathryn E Hamilton

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	$\beta^2$ -Hydroxybutyrate suppresses colorectal cancer. <i>Nature</i> , 2022, 605, 160-165.	27.8	120
2	Inflammation and Colorectal Cancer. <i>Current Colorectal Cancer Reports</i> , 2017, 13, 341-351.	0.5	111
3	The Esophageal Organoid System Reveals Functional Interplay Between Notch and Cytokines in Reactive Epithelial Changes. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 333-352.	4.5	72
4	IMP1 promotes tumor growth, dissemination and a tumor-initiating cell phenotype in colorectal cancer cell xenografts. <i>Carcinogenesis</i> , 2013, 34, 2647-2654.	2.8	64
5	Mitochondrial dysfunction in inflammatory bowel disease alters intestinal epithelial metabolism of hepatic acylcarnitines. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	49
6	Autophagy mediates epithelial cytoprotection in eosinophilic oesophagitis. <i>Gut</i> , 2017, 66, 1197-1207.	12.1	43
7	Mouse Intestinal Krt15+ Crypt Cells Are Radio-Resistant and Tumor Initiating. <i>Stem Cell Reports</i> , 2018, 10, 1947-1958.	4.8	35
8	Loss of Stromal IMP1 Promotes a Tumorigenic Microenvironment in the Colon. <i>Molecular Cancer Research</i> , 2015, 13, 1478-1486.	3.4	34
9	The ErbB3 receptor tyrosine kinase negatively regulates Paneth cells by PI3K-dependent suppression of Atoh1. <i>Cell Death and Differentiation</i> , 2017, 24, 855-865.	11.2	31
10	Autophagy as a cytoprotective mechanism in esophageal squamous cell carcinoma. <i>Current Opinion in Pharmacology</i> , 2018, 41, 12-19.	3.5	23
11	Roles for Autophagy in Esophageal Carcinogenesis: Implications for Improving Patient Outcomes. <i>Cancers</i> , 2019, 11, 1697.	3.7	22
12	Posttranscriptional regulation of colonic epithelial repair by RNA binding protein IMP1/IGF2BP1. <i>EMBO Reports</i> , 2019, 20, .	4.5	21
13	The LIN28 <sup>B</sup> -IMP1 post-transcriptional regulon has opposing effects on oncogenic signaling in the intestine. <i>Genes and Development</i> , 2018, 32, 1020-1034.	5.9	20
14	Patient-derived organoids as a platform for modeling a patient's response to chemoradiotherapy in esophageal cancer. <i>Scientific Reports</i> , 2021, 11, 21304.	3.3	20
15	Single cell transcriptomic analysis reveals cellular diversity of murine esophageal epithelium. <i>Nature Communications</i> , 2022, 13, 2167.	12.8	20
16	Modeling Epithelial Homeostasis and Reactive Epithelial Changes in Human and Murine Three-dimensional Esophageal Organoids. <i>Current Protocols in Stem Cell Biology</i> , 2020, 52, e106.	3.0	19
17	Multiple Gastrointestinal Polyps in Patients Treated with BRAF Inhibitors. <i>Clinical Cancer Research</i> , 2015, 21, 5215-5221.	7.0	17
18	IMP1 3' UTR shortening enhances metastatic burden in colorectal cancer. <i>Carcinogenesis</i> , 2019, 40, 569-579.	2.8	16

#	ARTICLE	IF	CITATIONS
19	CD73+ Epithelial Progenitor Cells That Contribute to Homeostasis and Renewal Are Depleted in Eosinophilic Esophagitis. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1449-1467.	4.5	15
20	Culturing Adult Stem Cells from Mouse Small Intestinal Crypts. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot078303.	0.3	8
21	Opportunities and Challenges for Women PhD Investigators in Gastrointestinal Research. Gastroenterology, 2013, 145, 266-271.	1.3	7
22	Colonoids From Patients With Pediatric Inflammatory Bowel Disease Exhibit Decreased Growth Associated With Inflammation Severity and Durable Upregulation of Antigen Presentation Genes. Inflammatory Bowel Diseases, 2021, 27, 256-267.	1.9	7
23	Variants in <i>STXBP3</i> are Associated with Very Early Onset Inflammatory Bowel Disease, Bilateral Sensorineural Hearing Loss and Immune Dysregulation. Journal of Crohn's and Colitis, 2021, 15, 1908-1919.	1.3	7
24	RNA regulons are essential in intestinal homeostasis. American Journal of Physiology - Renal Physiology, 2019, 316, G197-G204.	3.4	6
25	Presentation of the Julius M. Friedenwald Medal to Anil K. Rustgi. Gastroenterology, 2017, 152, 2063-2067.	1.3	2
26	Microfabricated Crypt Scaffolds: A New Foundation for Evaluating Human Colon Stem Cells. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 161-162.	4.5	0
27	Autophagic State Confers Facultative Stem Cell Capacity in The Intestinal Epithelium. FASEB Journal, 2022, 36, .	0.5	0
28	N <sup>6</sup> -Methyladenosine (m <sup>6</sup> A) Modifies Regenerative Transcripts in the Intestinal Epithelium. FASEB Journal, 2022, 36, .	0.5	0
29	Abstract 5898: Bone morphogenetic protein receptor 2 ( <i>BMPR2</i> ) as a potential germline driver in Juvenile Polyposis Syndrome (JPS). Cancer Research, 2022, 82, 5898-5898.	0.9	0