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1	Crossref McCole, Declan F.. "IBD Candidate Genes and Intestinal Barrier Regulation :", Inflammatory Bowel Diseases, 2014.	60 words	1%
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8	Crossref Jie Yang. "Curcumin reduces the expression of Bcl-2 by ... pregulating miR-15a and miR-16 in MCF-7 cells", Medical	15 words	<1%
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Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 41763

Manuscript Type: ORIGINAL ARTICLE

### Basic Study

MicroRNA-15a - cell division cycle 42 signaling pathway in pathogenesis of pediatric inflammatory bowel disease

Tang WJ *et al.* MiR-15a - Cdc42 and pediatric IBD

Wen-Juan Tang, Kai-Yue Peng, Zi-Fei Tang, Yu-Huan Wang, Ai-Juan Xue, Ying Huang

### Abstract

#### AIM

To determine whether cell division cycle (Cdc)42 is regulated by microRNA (miR)-15a in development of pediatric inflammatory bowel disease (IBD).



miRNA 15a–Cdc42 signaling pathway in pathogenesis of pediatric inflammatory bowel disease



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MicroRNAs as growth regulators, their function and ... - Cekaite - 被引用次数: 41

MicroRNA and cancer–focus on apoptosis - Wang - 被引用次数: 306

MicroRNAs in common diseases and potential ... - Tsai - 被引用次数: 56

## Mechanisms of Pediatric Inflammatory Bowel Disease. - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pubmed/27168239> ▾ 翻译此页

作者: JM Peloquin - 2016 - 被引用次数: 23 - 相关文章

2016年5月20日 - Mechanisms of **Pediatric Inflammatory Bowel Disease**. ... disruption of mucosal barriers, aberrant inflammatory **signals**, loss of tolerance, and ... for applying advances in **IBD** genetics to better understand **pathogenesis** and ...

缺少字词: `mirna 15a cdc42 pathway`

## Rectal microRNAs are perturbed in pediatric inflammatory bowel ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4146627/> ▾ 翻译此页

作者: AM Zahm - 2014 - 被引用次数: 32 - 相关文章

2014年3月7日 - Children with **IBD** often experience **pediatric**-specific complications including growth ... perturbations in **pediatric IBD** may lead to better care and **treatment**. ..... of the colitis-associated **miRNAs**, Ingenuity **Pathway Analysis** software ..... The role of **microRNAs** miR-200b and miR-200c in **TLR4 signaling** and ...

缺少字词: `15a cdc42`

## miRNAs reshape immunity and inflammatory responses in bacterial ...

<https://www.nature.com> › [signal transduction and targeted therapy](#) › [review articles](#)

作者: X Zhou - 2018 - 相关文章

2018年5月25日 - Then, we describe the host **signal** transduction **pathways** utilized by bacterial effectors by .... of **miRNAs** critically contributes to **disease pathogenesis**. ... is regulated by **miRNAs** in an **intestinal Salmonella typhimurium** infection model. ... to modulate the activation state of the small Rho GTPase

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作者: M Coskun - 2013 - 被引用次数: 61 - 相关文章

2013年7月21日 - Total RNA was isolated and miRNA expression assessed using the ... cytokine signaling, which are both key signaling pathways in UC. ... However, the pathogenesis of IBD still remains enigmatic[28], but the .... hsa-miR-15a, 64, 7, 19, 24 ..... and plays important roles in the regulation of cell proliferation and ...

### MicroRNAs in Cholangiopathies - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4119442/> [▼ 翻译此页](#)

作者: SP O'Hara - 2014 - 被引用次数: 23 - 相关文章

2014年6月14日 - miR-15a, proliferation, cell cycle, Cdc25a, [23]. miR-17 ..... of gene clusters within signaling pathways and processes associated with disease.

### Frontiers | Anti-Inflammatory MicroRNAs and Their Potential for ...

<https://www.frontiersin.org/articles/337488> [▼ 翻译此页](#)

作者: A Tahamtan - 2018

2018年6月25日 - miRNAs are expressed in immune cells and function as "fine-tuners" for ... Activation of innate defense pathways such as toll-like receptor (TLR) signaling results in ... of pro- and anti-inflammatory mediating molecules and effects (41, 42 ). ... In IBD patients, miR-10a regulates the pathogenesis by inhibiting ...

### MicroRNAs: New therapeutic targets for intestinal barrier dysfunction

<https://www.wjnet.com/1007-9327/full/v20/i19/5818.htm> [▼ 翻译此页](#)

作者: L Zhang - 2014 - 被引用次数: 17 - 相关文章

2014年5月21日 - The first is to identify the early signaling event which triggers the ... signaling pathways, and may be good candidates for the treatment of ... A summary of the expression of miRNAs in IBD is shown in Figure 1. .... differentiation[105] and epigenetic regulation of the cell cycle[106,107]. ... 2007;622:42-57.

### Diagnostic and therapeutic potentials of microRNAs in ... - ScienceDirect

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