

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 40559

Manuscript Type: MINIREVIEWS

CXC family of chemokines as prognostic or predictive biomarkers and possible drug targets in colorectal cancer

Cabrero-de las Heras S *et al.* CXC chemokines in CRC

Sara Cabrero-de las Heras, Eva Martínez-Balibrea

Abstract

Colorectal cancer (CRC) is the third most common cancer in men and the second most common cancer in women, worldwide. In the early stages of the disease, biomarkers predicting early relapse would improve survival rates. In metastatic patients, the use of predictive biomarkers could potentially result in more personalized treatments and better outcomes. The CXC family of chemokines (CXCL1 to 17) are small (8 to 10 kDa) secreted proteins that attract

Match Overview

1	Crossref 32 words Deng, L.. "CXCR6/CXCL16 functions as a regulator in m ... astasis and progression of cancer", BBA - Reviews on Ca	1%
2	Internet 32 words crawled on 04-Sep-2016 jimmunol.org	1%
3	Internet 26 words crawled on 13-Jun-2017 www.wjgnet.com	1%
4	Crossref 22 words Kenji Kawada. "Molecular mechanisms of liver metastasis ", International Journal of Clinical Oncology, 08/17/2011	<1%
5	Crossref 19 words Sionov, Ronit Vogt, Zvi G. Fridlender, and Zvi Granot. "Ti ... Multifaceted Roles Neutrophils Play in the Tumor Microenv	<1%
6	Crossref 17 words Pieter Ruytinx, Paul Proost, Sofie Struyf. "CXCL4 and CXC L4L1 in cancer", Cytokine, 2018	<1%
7	Internet 17 words crawled on 25-Jul-2016 www.google.co.jp	<1%
8	Internet 16 words crawled on 15-Sep-2018 lifescience.canvaxbiotech.com	<1%
9	Crossref 16 words Ordóñez-Morán, Paloma, and Joern Huelken. "Comple	<1%

## Prognostic and Predictive Biomarkers in Colorectal Cancer. From the ...

<https://www.ncbi.nlm.nih.gov/pubmed/26452385> ▼ 翻译此页

作者: J Maurel - 2015 - 被引用次数: 23 - 相关文章

Curr Cancer **Drug Targets**. 2015;15(8):703-15. **Prognostic** and **Predictive Biomarkers** in **Colorectal Cancer**. From the Preclinical Setting to Clinical Practice.

缺少字词: ~~ex~~e family chemokines

## "Vessels in the Storm": Searching for Prognostic and Predictive ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5796244/> - 翻译此页

作者: A Angelucci - 2018 - 被引用次数: 2 - 相关文章

2018年1月19日 - In **colorectal cancer**, angiogenic switch occurs early in neoplastic progression .... Placenta growth factor (PIGF) is a member of the VEGF **family** .... factors including the **chemokines**, **CXC** motif, and VEGF-A [72]. .... **Biomarker**, Drug/Treatment, **Prognostic** Value, **Predictive** Value, Ref. .... Cancer **Drug Targets**.

## [PDF] Cell Surface Markers in Colorectal Cancer Prognosis - MDPI

[www.mdpi.com/1422-0067/12/1/78/pdf](http://www.mdpi.com/1422-0067/12/1/78/pdf) ▼ 翻译此页

作者: L Belov - 2010 - 被引用次数: 51 - 相关文章

2010年12月28日 - Keywords: **colorectal cancer**; **biomarkers**; proteomics; **prognostic** ... **chemokine CXC** motif receptor; DC, dendritic cells; 2D-DIGE, ... potentially **prognostic** and **predictive** markers for the disease. ... The metastatic **potential** of CRC may be already encoded in the ..... Carcinoembryonic Antigen (CEA) **Family**.

## Prognostic and predictive potential molecular biomarkers in colon ...

[https://www.researchgate.net/.../51241113\\_Prognostic\\_and\\_predictive\\_poten...](https://www.researchgate.net/.../51241113_Prognostic_and_predictive_poten...) - 翻译此页

2017年12月19日 - **Prognostic** and predictive **potential** molecular **biomarkers** in **colon cancer** .... transformation and for the metastatic **potential** of cancer cells. ... the concept of "one **drug** fits all" towards a "therapy with the ..... metalloproteinase (MMP) **family**. ... belonging to **the CXC chemokine** family which was originally.



[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 275,000 条结果 (用时 0.55 秒)

### Prognostic and Predictive Biomarkers in Colorectal Cancer. From the ...

<https://www.ncbi.nlm.nih.gov/pubmed/26452385> ▼ [翻译此页](#)

作者: J Maurel - 2015 - 被引用次数: 23 - 相关文章

Curr Cancer **Drug Targets**. 2015;15(8):703-15. **Prognostic** and **Predictive Biomarkers** in **Colorectal Cancer**. From the Preclinical Setting to Clinical Practice.

缺少字词: **cxc** family chemokines

### Angiodrastic Chemokines in Colorectal Cancer: Clinicopathological ...

<https://www.hindawi.com/journals/acp/2018/1616973/> ▼ [翻译此页](#)

作者: G Emmanouil - 2018 - 相关文章

2018年3月19日 - **Colorectal cancer** (CRC) is the second most common cause of cancer ... The **CXC chemokine family** is particularly implicated in the ... TNM classification is considered to be the best **prognostic** factor in early stages of **colon cancer** [51]. ... It is therefore **possible** that it is the relative expression of different ...

缺少字词: drug targets

### Eva M Balibrea Lab - Program Against Cancer Therapeutic Resistance

[www.procure-ico.eu/eva-m-balibrea-lab.html](http://www.procure-ico.eu/eva-m-balibrea-lab.html) ▼ [翻译此页](#)

Chemotherapy and **predictive biomarkers** Lab ... to chemotherapy in the treatment of patients with **colorectal cancer** (CRC) and works ... The group's global objective is to optimize treatment to enhance **prognosis** and improve patients' quality of life. .... Study of the **CXC family of chemokines** and their receptors as **prognostic** ...

### Prognostic Value, Clinicopathologic Features and Diagnostic ... - PLOS

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone...> ▼ [翻译此页](#)

作者: W Xia - 2015 - 被引用次数: 10 - 相关文章

2015年4月9日 - As a member of the **CXC** cytokine **family**, IL-8 could induce ..... cancers: a **target** for novel **prognostic** and therapeutic approaches. ... of **CXC-chemokines** in stage II and III **colorectal cancer** epithelial and .... tumor proteins as **potential predictive** or **prognostic biomarkers** for ... Current **pharmaceutical** design.

[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 428,000 条结果 (用时 0.48 秒)

### Prognostic and Predictive Biomarkers in Colorectal Cancer. From the ...

<https://www.ncbi.nlm.nih.gov/pubmed/26452385> ▼ [翻译此页](#)

作者: J Maurel - 2015 - 被引用次数: 23 - 相关文章

Curr Cancer Drug Targets. 2015;15(8):703-15. Prognostic and Predictive Biomarkers in Colorectal Cancer. From the Preclinical Setting to Clinical Practice.

缺少字词: ~~cxc~~ family chemokines

### Eva M Balibrea Lab - Program Against Cancer Therapeutic Resistance

[www.procure-ico.eu/eva-m-balibrea-lab.html](http://www.procure-ico.eu/eva-m-balibrea-lab.html) ▼ [翻译此页](#)

Chemotherapy and predictive biomarkers Lab ... chemotherapy in the treatment of patients with colorectal cancer (CRC) and works very closed ... The group's global objective is to optimize treatment to enhance prognosis and ... in colorectal cancer cell lines through modulation of CXC-Chemokine/NF- $\kappa$ B signalling pathway.

### (PDF) "Vessels in the Storm": Searching for Prognostic and Predictive ...

[https://www.researchgate.net/.../322625261\\_Vessels\\_in\\_the\\_Storm\\_Searchin...](https://www.researchgate.net/.../322625261_Vessels_in_the_Storm_Searchin...) - [翻译此页](#)

2018年8月18日 - Prognostic and predictive biomarkers proposed for advanced CRC and ... Predictive Angiogenic Factors in Colorectal Cancer ... target in cancer therapy. .... family, and its receptor vascular endothelial growth factor receptor 2 ..... production of angiogenic factors including the chemokines, CXC motif, and ...

[PDF]

### "Vessels in the Storm": Searching for Prognostic and Predictive ... - MDPI

[www.mdpi.com/1422-0067/19/1/299/pdf](http://www.mdpi.com/1422-0067/19/1/299/pdf) ▼ [翻译此页](#)

作者: A Angelucci - 2018 - 被引用次数: 2 - 相关文章

2018年1月19日 - Predictive Angiogenic Factors in Colorectal Cancer ... potential role of angiogenic factors as diagnostic, prognostic and predictive biomarkers in CRC. .... protein 1 (MCP1)), a member of the C-C chemokine family, is secreted ..... B.; Carmeliet, P. FLT1 and its ligands VEGFB and PIGF: Drug targets for.