

## Match Overview

|   |  |     |
|---|--|-----|
| 1 | Internet 24 words<br>crawled on 14-Apr-2018<br><a href="#">f1000.com</a>   | 1%  |
| 2 | Internet 24 words<br>crawled on 05-Feb-2020<br><a href="#">cslide.ctimeetingtech.com</a>   | 1%  |
| 3 | Internet 22 words<br>crawled on 10-Aug-2020<br><a href="#">findanexpert.unimelb.edu.au</a>   | 1%  |
| 4 | Crossref 12 words<br><a href="#">Bilic, I.. "The role of BTB domain-containing zinc finger proteins in T cell development and function", Immunology Letters, 2</a> | <1% |
| 5 | Crossref 12 words<br><a href="#">Anqi Lin, Jian Zhang, Peng Luo. "Crosstalk Between the MSH Status and Tumor Microenvironment in Colorectal Cancer", Fr</a>        | <1% |

**Name of Journal:** *World Journal of Clinical Oncology*

**Manuscript NO:** 62536

**Manuscript Type:** ORIGINAL ARTICLE

### *Basic Study*

**Cytotoxic CD8+ T cells and Tissue Resident Memory (TRM) cells in Colorectal Cancer based on Microsatellite Instability (MSI) and BRAF status**

Memory Cells in Colorectal Cancer

### **Abstract**

#### **BACKGROUND**

Recent studies in non-colorectal malignancy have associated resident memory T cells (T<sub>RM</sub>) with improved patient survival. It is unknown if T<sub>RM</sub> plays a role in colorectal cancer (CRC).

AIM





ALL

IMAGES

VIDEOS

7,180 Results

Any time ▾

### [CD8+CD103+ tissue-resident memory T cells convey ...](#)

<https://europepmc.org/article/PMC/PMC7825273> ▾

However, there is a need for further research into the roles of **tissue-resident memory T cells** (TRMs) in mediating protective or pathogenic adaptive immunity.<sup>7 8</sup> Human skin is populated with approximately 20 billion **resident T cells**,<sup>9</sup> which can provide protection against infection<sup>10</sup> and melanoma<sup>11 12</sup> and play a crucial role in the pathogenesis ...

### [\(PDF\) In Situ Cytotoxic and Memory T Cells Predict Outcome ...](#)

<https://www.researchgate.net/publication/38037728>...

Cytotoxic (CD8) and memory (CD45RO) T cells were quantified by immunohistochemical analyses of **tissue** microarrays from the center (CT) and the invasive margin (IM) of the 602 tumors from two ...

### [Tumour budding, poorly differentiated clusters, and T-cell ...](#)

<https://www.sciencedirect.com/science/article/pii/S2352396420302358>

Jul 01, 2020 · Peri and intratumoural CD8 + T cells have previously been identified as a major favourable prognostic factor in **colorectal cancer** . CD8 + CD45RO + **memory T cells**, which is a subpopulation of **cytotoxic T cells**, may respond quickly to a previously encountered antigen stimulus , and our previous study indicated that intratumoural CD45RO + cells ...

Cited by: 5

Author: Kenji Fujiyoshi, Kenji Fujiyoshi, Juha P. V...

Publish Year: 2020

### [\(PDF\) Tissue-resident memory T cells in breast cancer ...](#)

<https://www.researchgate.net/publication/339576033>...

Studies involving tumour material from numerous solid tumour types, including breast cancer, demonstrate that the CD8<sup>+</sup> TILs include a subpopulation of **tissue-resident memory T (TRM) cells**.

### [Analysis of the molecular nature associated with ...](#)

<https://jitc.bmj.com/content/8/2/e001437> ▾

Oct 01, 2020 · Results Despite the hostile CD8 + **cytotoxic T lymphocyte (CTL)/Th1** microenvironment in **MSI colon cancer**, a high percentage of exhausted CD8 + T cells and upregulated expression of immune checkpoints were identified in **MSI colon cancer** at the single-cell level, indicating the potential neutralizing effect of **cytotoxic T-cell activity** by exhausted T-cell **status**.

Author: Xuanwen Bao, Hangyu Zhang, Wei W...

Publish Year: 2020



ALL

IMAGES

VIDEOS

TOOLS ▼

## (PDF) Tissue-resident memory T cells in breast cancer ...

<https://www.researchgate.net/publication/339576033...>



Studies involving tumour material from numerous solid tumour types, including breast **cancer**, demonstrate that the **CD8<sup>+</sup>** TILs include a subpopulation of **tissue-resident memory T (TRM) cells**.

## CD103+ intraepithelial lymphocytes - A unique population ...

<https://www.researchgate.net/publication/10756686...>

A recently identified subpopulation of **memory CD8<sup>+</sup> T cells**, named **tissue-resident memory T (TRM) cells**, persists in peripheral tissues and does not recirculate.

## Tissue-Resident Memory T Cells in Cancer ...

<https://www.researchgate.net/publication/334063400...>

Request PDF | **Tissue-Resident Memory T Cells** in **Cancer** Immunosurveillance | Following their activation and expansion in response to foreign threats, many **T cells** are retained in peripheral tissues ...

## JCM | Free Full-Text | Epithelial Ovarian Cancer and the ...

<https://www.mdpi.com/2077-0383/9/9/2967/htm> ▼

CD103 (ITGAE, integrin  $\alpha$ E) appears to be a definitive marker for antigen-experienced **tissue resident memory T-cells (Trm) CD8<sup>+</sup> cells**, a subpopulation of effector **memory cells** with **cytotoxic** properties that circulate through various lymphoid and non-lymphoid tissues including the skin, gastrointestinal tract, lung, and genitourinary tracts ...

## Tumour budding, poorly differentiated clusters, and T-cell ...

<https://www.sciencedirect.com/science/article/pii/S2352396420302358>



ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

56,700 Results

Any time ▾

## Characterization of CD103 + CD8 + tissue-resident T cells ...

<https://link.springer.com/article/10.1007/s00262-020-02562-3> ▾

Apr 13, 2020 · CD103+ **CD8**+ TILs were presented in ESCC, which displayed phenotype of **tissue-resident memory T cells** and exhibited high expression of immune checkpoints (PD-1, TIM-3). CD103+ **CD8**+ TILs...

**Author:** Lu Han, Quan-Li Gao, Xiu-Man Zhou, Ch... **Publish Year:** 2020

## (PDF) In Situ Cytotoxic and Memory T Cells Predict Outcome ...

<https://www.researchgate.net/publication/38037728...>

**Cytotoxic** (CD8) and memory (CD45RO) T cells were quantified by immunohistochemical analyses of tissue microarrays from the center (CT) and the invasive margin (IM) of the 602 tumors from two...

### PEOPLE ALSO ASK

Can a CD8 + T cell be a bystander? ▾

What do tumor reactive CD8 + T cells do? ▾

How are CD8 + T cells used in TNBC? ▾

Can a tumor reactive T cell have an exhausted memory signature? ▾

[Feedback](#)

## High-dimensional cytometric analysis of colorectal cancer ...

<https://gut.bmj.com/content/69/4/691> ▾

Apr 01, 2020 · CD161 has been shown to mark a subset of **tissue-resident memory CD8 + T cells** with enhanced effector function and cytokine production.<sup>51 52</sup> In our study, the CD161 – counterpart of the...

**Cited by:** 23 **Author:** Natasja L de Vries, Vincent van Unen, Mari...

**Publish Year:** 2020

## Distinct epigenetic features of tumor-reactive CD8+ T ...

<https://genomebiology.biomedcentral.com/articles/10.1186/s13059-019-1921-y> ▾

Dec 31, 2019 · Tumor-reactive **CD8**+ tumor-infiltrating lymphocytes (TILs) represent a subtype of **T cells** that can recognize and destroy tumor specifically. Understanding the regulatory mechanism of tumor...