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#### Basic Study

**Alpha1b adrenoceptor expression is a marker of reduced survival and increased tumor recurrence in patients with endometrioid ovarian cancer**

Dascha Deutsch, Suha Deen, Frank Entschladen, Clare Coveney, Robert Rees, Kurt S Zänker, Desmond George Powe,

#### Abstract

AIM: In 2012 it is estimated that 70% of women with ovarian cancer died of their disease principally due to aggressive tumor growth and recurrence. Laboratory studies suggest the catecholamine stress hormones epinephrine and norepinephrine are implicated in ovarian cancer progression, including activation of tumor beta adrenoceptors ( $\beta$ 2AR). A biological mechanism for adrenoceptor-induced cancer

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作者: RC Bast Jr - 2009 - 被引用次数: 540 - 相关文章

Over the past two decades, the 5-year survival for ovarian cancer patients has ... genetic changes, gene expression, tumour markers and responsiveness to therapy. ....

\*Endometriosis and adjacent low-grade endometrioid carcinoma share common ...

prognosis than are high-grade neoplasms, despite the resistance of low ...

缺少字词: alpha1b

### Beyond CA125: the coming of age of ovarian cancer ...

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缺少字词: adrenoceptor

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缺少字词: endometrioid

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

2013年9月13日 - Molecular **markers** for predicting breast **cancer patients** at **high risk** of ... **low expression** (mean DFS = 130 months) in Kaplan-Meier **survival** analysis ( $p <$

0.001). ... of prognostic **markers** for assessment of risk for disease **recurrence** in ... cell

through **Alpha1B adrenergic** receptors to a downstream cytoplasmic ...

缺少字词: **endometrioid**



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作者: RC Bast Jr - 2009 - 被引用次数: 611 - [相关文章](#)

Over the past two decades, the 5-year **survival** for **ovarian cancer patients** has .... genetic changes, gene **expression**, **tumour markers** and responsiveness to therapy. ... In approximately 10% of cases, borderline cancers can metastasize, **recur** only ... In contrast to **high-grade disease**, **low-grade ovarian cancers** and LMP ...

缺少字词: **alpha1b**

### Beyond CA125: the coming of age of ovarian cancer ...

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2009年6月1日 - **Ovarian cancer** (OC) is the fourth leading cause of cancer deaths among ... The most studied **marker** for OC, CA125, is only **expressed** by 50–60% of **patients** with ... a subset of **low** grade adenocarcinomas of the ovary (**endometrioid** and .... with the **tumor** burden, clinical disease status, and **survival** [102].

缺少字词: **adrenoceptor**

### Transglutaminase 2 Overexpression in Tumor Stroma ...

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作者: J Assi - 2013 - 被引用次数: 11 - [相关文章](#)

2013年9月13日 - TG2 overexpression in **tumor** stroma may serve as a predictor of poor **prognosis** ... Molecular **markers** for predicting breast **cancer patients** at **high** risk of ... months) in comparison with **patients** showing **low expression** (mean DFS .... through **Alpha1B adrenergic** receptors to a downstream cytoplasmic target, ...

缺少字词: **endometrioid**