

Re: Treatment may sometimes fuel cancer's spread – a compound called TGF–beta may be one of the causes

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Source: <http://sci.tech–archive.net/Archive/sci.med.diseases.cancer/2007–04/msg00047.html>

- *From:* J <nexsw@nvalid,anon>
 - *Date:* Wed, 11 Apr 2007 15:07:47 –0400
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Matti Narkia wrote:

On Wed, 11 Apr 2007 17:02:30 +0300, Matti Narkia <mna@xxxxxxxx> wrote:

[snip]

Ge R, Rajeev V, Ray P, Lattime E, Rittling S, Medicherla S, Protter A, Murphy A, Chakravarty J, Dugar S, Schreiner G, Barnard N, Reiss M. Inhibition of growth and metastasis of mouse mammary carcinoma by selective inhibitor of transforming growth factor–beta type I receptor kinase in vivo.

Clin Cancer Res. 2006 Jul 15;12(14 Pt 1):4315–30.

PMID: 16857807 [PubMed – indexed for MEDLINE]

<<http://clincancerres.aacrjournals.org/cgi/content/abstract/12/14/4315>>

[snip]

Bandyopadhyay A, Agyin JK, Wang L, Tang Y, Lei X, Story BM, Cornell JE, Pollock BH, Mundy GR, Sun LZ.

Inhibition of pulmonary and skeletal metastasis by a transforming growth factor–beta type I receptor kinase inhibitor.

Cancer Res. 2006 Jul 1;66(13):6714–21.

PMID: 16818646 [PubMed – indexed for MEDLINE]

<<http://cancerres.aacrjournals.org/cgi/content/abstract/66/13/6714>>

[snip]

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Lacher MD, Tiirikainen MI, Saunier EF, Christian C, Anders M, Oft M, Balmain A, Akhurst RJ, Korn WM.

Transforming growth factor–beta receptor inhibition enhances adenoviral infectability of carcinoma cells via up–regulation of Cocksackie and Adenovirus Receptor in conjunction with reversal of epithelial–mesenchymal transition.

Cancer Res. 2006 Feb 1;66(3):1648–57.

PMID: 16452224 [PubMed – indexed for MEDLINE]

<<http://cancerres.aacrjournals.org/cgi/content/full/66/3/1648>>

[snip]

Zhang F, Lee J, Lu S, Pettaway CA, Dong Z.

Blockade of transforming growth factor–beta signaling suppresses progression of androgen–independent human prostate cancer in nude mice.

Clin Cancer Res. 2005 Jun 15;11(12):4512–20.

PMID: 15958637 [PubMed – indexed for MEDLINE]

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[snip]

Shu XO, Gao YT, Cai Q, Pierce L, Cai H, Ruan ZX, Yang G, Jin F, Zheng W.

Genetic polymorphisms in the TGF–beta 1 gene and breast cancer survival: a report from the Shanghai Breast Cancer Study.

Cancer Res. 2004 Feb 1;64(3):836–9.

PMID: 14871809 [PubMed – indexed for MEDLINE]

<<http://cancerres.aacrjournals.org/cgi/content/full/64/3/836>>

[snip]

Tang B, Vu M, Booker T, Santner SJ, Miller FR, Anver MR, Wakefield LM. TGF–beta switches from tumor suppressor to prometastatic factor in a model of breast cancer progression.

J Clin Invest. 2003 Oct;112(7):1116–24.

PMID: 14523048 [PubMed – indexed for MEDLINE]

<<http://www.jci.org/cgi/content/full/112/7/1116>>

One more abstract:

Liu P, Menon K, Alvarez E, Lu K, Teicher BA.

Transforming growth factor–beta and response to anticancer therapies

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in human liver and gastric tumors in vitro and in vivo.

Int J Oncol. 2000 Mar;16(3):599–610.

PMID: 10675495 [PubMed – indexed for MEDLINE]

<<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstract>>

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Matti Narkia

<<http://groups.google.com/group/sci.med.prostate.cancer/msg/cc59e7640f385912?hl=en>>

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