

## Yihai Cao Group Publications 2009

### [Tumor-derived VEGF modulates hematopoiesis.](#)

Xue Y, Chen F, Zhang D, Lim S, Cao Y  
*J Angiogenesis Res* 2009 ;1():9

### [Angiogenesis in malignancy.](#)

Cao Y  
*Semin. Cancer Biol.* 2009 Oct;19(5):277-8

### **Slevin M, Cao Y, Kitajewski J.**

Welcome to journal of angiogenesis research.  
*J Angiogenesis Res.* 2009 Sep 21;1:1.

- [Link to the abstract in PubMed](#)

### **Cao Y.**

Angiogenesis and Lymphangiogenesis in Common Diseases.  
*Curr Mol Med.* 2009 Nov;9(8):928

- [Link to the abstract in PubMed](#)

### **Jensen LD, Cao R, Cao Y.**

In Vivo Angiogenesis and Lymphangiogenesis Models.  
*Curr Mol Med.* 2009 Nov;9(8):982-991.

- [Link to the abstract in PubMed](#)

### **Cao Y.**

Monotherapy Versus Combination Therapy of Angiogenic and Arteriogenic Factors for the Treatment of Ischemic Disorders.

*Curr Mol Med.* 2009 Nov;9(8):967-972.

- [Link to the abstract in PubMed](#)

### **Yolanda Alvarez, Olaya Astudillo, Lasse Jensen, Alison L. Reynolds, Nora Waghorne, Derek P. Brazil, Yihai Cao, John J. O Connor, Breandán N. Kennedy**

Selective Inhibition of Retinal Angiogenesis by Targeting PI3 Kinase  
*Plos One* November 2009 Vol 4 Issue 11

- [Link to the abstract in PubMed](#)

### **Samantha Lin Chiou Lee, Pegah Rouhi, Lasse Dahl Jensen, Danfang Zhang, Hong Ji, Giselbert Hauptmann, Philip Ingham, and Yihai Cao**

Hypoxia-induced pathological angiogenesis mediates tumor cell dissemination, invasion, and metastasis in a zebrafish tumor model  
*PNAS* Nov 2009

- [Link to the abstract in PubMed](#)

**Lasse Dahl Ejby Jensen, Renhai Cao, Eva-Maria Hedlund, Iris Soll, Jon O. Lundberg, Giselbert Hauptmann, John Flen Steffensen, and Yihai Cao**

Nitric oxide permits hypoxia-induced lymphatic perfusion by controlling arterial-lymphatic conduits in zebrafish and glass catfish

PNAS Oct 2009

- [Link to the abstract in PubMed](#)

**Eva-Maria Hedlund, Kayoko Hosaka, Zhaodong Zhong, Renhai Cao, and Yihai Cao**

Malignant cell-derived PlGF promotes normalization and remodeling of the tumor vasculature

PNAS Oct 2009

- [Link to the abstract in PubMed](#)

**Cao Y, Zhong W, Sun Y**

Improvement of antiangiogenic cancer therapy by understanding the mechanisms of angiogenic factor interplay and drug resistance.

Semin Cancer Biol. 2009 May 27

- [Link to the abstract in PubMed](#)

**Zhang F, Tang Z, Hou X, Lennartsson J, Li Y, Koch AW, Scotney P, Lee C, Arjunan P, Dong L, Kumar A, Rissanen TT, Wang B, Nagai N, Fons P, Fariss R, Zhang Y, Wawrousek E, Tansey G, Raber J, Fong GH, Ding H, Greenberg DA, Becker KG, Herbert JM, Nash A, Yla-Herttuala S, Cao Y, Watts RJ, Li X**

VEGF-B is dispensable for blood vessel growth but critical for their survival, and VEGF-B targeting inhibits pathological angiogenesis.

Proc Natl Acad Sci U S A. 2009 Apr 14;106(15):6152-7. Epub 2009 Apr 6.

- [Link to the abstract in PubMed](#)

**Yihai Cao**

Tumor angiogenesis and molecular targets for therapy

Frontiers in Bioscience 14, 3962-3973, January 1, 2009

- [Link to the abstract in PubMed](#)

**Cao Y**

Positive and Negative Modulation of Angiogenesis by VEGFR1 Ligands

Science Signaling 2 (59), re1. 2009

- [Link to the abstract in PubMed](#)

**Xue Y, Petrovic N, Cao R, Larsson O, Lim S, Chen S, Feldmann HM, Liang Z, Zhu Z, Nedergaard J, Cannon B, Cao Y.**

Hypoxia-Independent Angiogenesis in Adipose Tissues during Cold Acclimation.

Cell Metab. 2009 Jan 7;9(1):99-109.

- [Link to the abstract in PubMed](#)

**Junhang Zhang, Renhai Cao, Yun Zhang, Tanghong Jia, Yihai Cao, and Eric Wahlberg**

Differential roles of PDGFR-alpha and PDGFR-beta in angiogenesis and vessel stability

FASEB J. 2009 Jan;23(1):153-63. Epub 2008 Sep 30.

- [Link to the abstract in PubMed](#)