



PEER-REVIEWED MANUSCRIPTS.

Yan, S.F., Fujita, T., Lu, J., Okada, K., Zou, Y.S., Mackman, N., Pinsky, D.J., and Stern, D.M. Egr-1, a master switch coordinating upregulation of divergent gene families underlying ischemic stress. *Nature Medicine* 6:598-604, 2000.

Okada, M., Fujita, T., Sakaguchi, T., Olson, K. E., Collins, T., Stern, D. M., Yan, S.F., and Pinsky, D. J. Extinguishing Egr-1-dependent inflammatory and thrombotic cascades after lung transplantation. *FASEB*. 15: 2757-2579, 2001.

Okada M, Wang C.Y., Hwang, D.W., Sakaguchi, T., Olson, K.E., Yoshikawa, Y., Minamoto, K., Mazer, S.P., Yan, S. F., Pinsky, D. J. Transcriptional control of cardiac allograft vasculopathy by early growth response gene-1 (Egr-1). *Circ Res*. 91(2):135-42, 2002.

Fujita, T., Towe CW., Mazer SP., Stern, D. M., Pinsky, D. J., Zou, Y.S., Okada, M., Schmidt, A. M., and Yan, S. F. Protein kinase C β -dependent signaling coordinates activation of inflammatory and pro-apoptotic pathways in ischemia/reperfusion (submitted, 2003).

PUBLISHED ABSTRACTS:

Yan, S.F., Bucciarelli, L., Harja, E., Wang X., Lu, Y., Schmidt, A.M., and Stern, D.M. Egr-1 promotes atherogenesis: mice deficient in Egr-1 and apoE display decreased atherosclerosis. AHA Scientific Sessions 2002. *Circulation. Journal of the American Heart Association* 106(9):605, 2002, and oral presentation, Nov, 5, 2002, Chicago.

Towe CW., Yan S.F., Mazer SP., Fujita T., Pinsky, D., Stern, D. Protein Kinase C- β is implicated in lung ischemia /reperfusion injury in mice. Oral presentation 2001 (Sarnoff Endowment)

Yan, S.F., Fujita, T., Towe CW., Mazer SP., Zou, Y.S., Pinsky, D.J., and Stern, D.M. Protein kinase C- β deficiency attenuates lung ischemia-reperfusion injury. AHA Scientific Sessions 2001.

Circulation. Journal of the American Heart Association 104(17): 2499, 2001, and oral presentation, Nov, 13, 2001.

SUBMITTED MANUSCRIPTS:

Fujita, T., Towe CW., Mazer SP., Stern, D. M., Pinsky, D. J., Zou, Y.S., Okada, M., Schmidt, A. M., and Yan, S. F. Protein kinase C β -dependent signaling coordinates activation of inflammatory and pro-apoptotic pathways in ischemia/reperfusion (submitted, 2003).

Harja, E., Bucciarelli, L., Lu, Y., Stern, D.M., Zou, Y. S., Schmidt, A.M., and Yan, S.F. Egr-1 promotes initiation and progression in atherosclerosis: mice deficient in Egr-1 and apoE display decreased atherosclerosis. (Submitted, 2003)

Wendt, T., Bucciarelli, L., Qu, W., Lu, Y., Stern, D. M., Liliensiek, B., Bierhaus, A., Arnold, B., Nawroth, P.P., Schmidt, A., M., and Yan, S. F. RAGE regulates early growth response-1: A master switch orchestrating the vascular response to hypoxic stress (Submitted, 2003).

Andrassy, M., Harja, E., Liu, K., Zou, Y. S., Belov, D., Yan, S. D., Schmidt, A. M., and Yan, S.F. Central role for the PKC β -Egr-1 axis in neointimal expansion after acute arterial injury (submitted, 2003).