

Publications: 2011

Greer, P.A., Kanda, S., and Smithgall, T.E. 2011. The contrasting oncogenic and tumor suppressor roles of FES. *Frontiers in Bioscience* (In press)

Miyata, Y., Watanabe, S., Matsuo, T., Maruta, S., Hayashi, T., Sakai, H., Xuan, J.W., Greer, P.A. and Kanda, S. 2011. Pathological significance and predictive value for biochemical recurrence of c-Fes expression in prostate cancer. *Prostate* (Epub ahead of print)

<http://www.ncbi.nlm.nih.gov/pubmed/21563194?dopt=Citation>

Zhang, S., Chitu, V., Stanley, R., Elliott, B., and Greer, P.A. 2011. Fes tyrosine kinase expression in the tumor niche correlates with enhanced tumor growth, angiogenesis, circulating tumor cells, metastasis and infiltrating macrophages. *Cancer Research* 71:1465-1473

<http://www.ncbi.nlm.nih.gov/pubmed/21159660?dopt=Citation>

Publications: 2010

Wernimont, S.A., Simonson, W.T.N., Greer, P.A., Seroogy, C.M. and Huttenlocher, A. 2010. Calpain 4 is not necessary for LFA-1-mediated function in CD4⁺ T cells. *PLoS ONE* 5:10513

<http://www.ncbi.nlm.nih.gov/pubmed/20479866?dopt=Citation>

Kashiwagi, A., Schipani, E., Fein, M., Greer, P.A. and Shimada, M. 2010. *In vivo* targeted deletion of Capn4 in cells of the chondrocyte lineage impairs chondrocyte proliferation and differentiation. *Molecular and Cellular Biology* 30:2799-2810

<http://www.ncbi.nlm.nih.gov/pubmed/20368361?dopt=Citation>

Publications: 2009

Mellgren, R.L., Miyake, K., Kramerova, I., Spencer, M.J., Richard, I., Greer, P.A., and McNeil, P.L. 2009. Calcium-dependent plasma membrane repair requires μ - or m-calpain, but not calpain-3, proteasome, or caspases. *Biochim. Biophys. Acta* 1793:1886-93.

<http://www.ncbi.nlm.nih.gov/pubmed/19781581?dopt=Citation>

Truesdell, P.F., Zirngibl, R.A., Francis, S., Sangrar, W. and Greer, P.A. 2009. *fps/fes* knockout mice display a lactation defect and the Fps/Fes tyrosine kinase is a component of E-cadherin-based adherens junctions in breast epithelial cells during lactation. *Experimental Cell Research* 315:2929-2940

<http://www.ncbi.nlm.nih.gov/pubmed/19732771?dopt=Citation>

Trümppler, A., Schlott, B., Herrlich, P., Barford, D., Greer, P.A., Böhmer, F.-D. 2009. Calpain-mediated degradation of reversibly oxidized protein-tyrosine phosphatase 1B. *FEBS J.* 276:5622-5633

<http://www.ncbi.nlm.nih.gov/pubmed/19712109?dopt=Citation>

Wang, Y., Kim, N., Greer, P.A., Dawson, V.L. and Dawson, T.M. 2009. Calpain activation is not required for AIF translocation in PARP-1-dependent cell death (Parthanatos). *J. Neurochemistry* 110:687-696

<http://www.ncbi.nlm.nih.gov/pubmed/19457082?dopt=Citation>

Chandramohanadas, R., Davis, P., Darling, C., Beiting, D., Velmourougane, G., Greer, P.A., Roos, D. and Greenbaum, D.C. 2009. Apicomplexan parasites hijack host calpain to egress from host cells. *Science* 324:794-797

<http://www.ncbi.nlm.nih.gov/pubmed/19342550?dopt=Citation>

Publications: 2008

Undyala, V.V., Dembo, M., Cembrola, K., Perrin, B.J., Huttenlocher, A., Elce, J.S., Greer, P.A., Wang, Y. L., and Beningo, K.A. 2008. The calpain small subunit regulates cell-substrate mechanical interactions during fibroblast migration. *J. Cell Science* 121:3581-3588

<http://www.ncbi.nlm.nih.gov/pubmed/18840650?dopt=Citation>

Shimada, M., Greer, P.A., McMahon, A., Bouxsein, M.L., and Schipani, E. 2008. *In vivo* targeted deletion of *Capn4* in osteoblasts impairs osteoblast function and bone formation. *J. Biol. Chem.* 283:21002-21010

<http://www.ncbi.nlm.nih.gov/pubmed/18515801?dopt=Citation>

Publications: 2007

Larsen, A.K., Lametsch, R., Elce, J.S., Larsen, J.K., Thomsen, B., Larsen, M.R., Lawson, M.A., Greer, P.A. and Ertbjerg, P., 2007 Genetic disruption of calpain correlates with loss of membrane blebbing and differential expression of RhoGDI-1, cofilin and tropomyosin 1. *Biochemical Journal* 411:657-666

<http://www.ncbi.nlm.nih.gov/pubmed/18076376?dopt=Citation>

Shapovalova, Z., Tabunshchik, K., Püschel, A.W., and Greer, P.A. 2007. The Fer protein tyrosine kinase mediates a neurite collapse response to Semaphorin 3A in dorsal root ganglion neurons. *BMC Developmental Biology* 7:133

<http://www.ncbi.nlm.nih.gov/pubmed/18053124?dopt=Citation>

Sangrar, W., Gao, Y., Scott, M., Truesdell, P., and Greer, P.A. 2007. Fer-mediated cortactin phosphorylation is associated with efficient fibroblast migration and is dependent on reactive oxygen species generation during integrin-mediated cell adhesion. *Molecular and Cellular Biology* 27:6140-6152

<http://www.ncbi.nlm.nih.gov/pubmed/17606629?dopt=Citation>

Parsons, S., Mewburn, J.D., Truesdell, P. and Greer, P.A. 2007. The Fps/Fes kinase regulates leukocyte recruitment and extravasation during inflammation. *Immunology* 122:542-550

<http://www.ncbi.nlm.nih.gov/pubmed/17627769?dopt=Citation>

Moubarak, R.S., Yuste, V. J., Artus, C., Sancho, P., Greer, P.A., Mesissier de Murcia, J., and Susin, S.A. 2007. Sequential activation of PARP-1, calpains and Bax is essential in AIF-mediated programmed necrosis. *Molecular and Cellular Biology* 27:4844-62

<http://www.ncbi.nlm.nih.gov/pubmed/17470554?dopt=Citation>

Publications: 2006

Visram, H., and Greer, P.A., 2006. 17 beta-estradiol and Tamoxifen Stimulate Rapid and

Transient ERK Activation in MCF-7 Cells via Distinct Signaling Mechanisms. *Cancer Biology and Therapy* 5: 1677-82

<http://www.ncbi.nlm.nih.gov/pubmed/17106250?dopt=Citation>

Parsons, S., and Greer, P.A., 2006. The Fps/Fes kinase regulates the inflammatory response to endotoxin through down regulation of TLR4, NF- κ B activation, and TNF- α secretion in macrophages. *J. Leukocyte Biology* 80:1522-8

<http://www.ncbi.nlm.nih.gov/pubmed/16959897?dopt=Citation>

Tan, Y., Dourdin, N., Wu, C., De Veyra, T., Elce, J.S., and Greer, P.A. 2006. Conditional disruption of ubiquitous calpains in the mouse. *Genesis* 44: 297-303

<http://www.ncbi.nlm.nih.gov/pubmed/16783822?dopt=Citation>

Tan, Y., Wu, C., De Veyra, T., and Greer, P.A., 2006. Ubiquitous calpains promote both apoptosis and survival signals in response to different death stimuli. *J. Bio. Chem.* 281: 17689-98

<http://www.ncbi.nlm.nih.gov/pubmed/16632474?dopt=Citation>

Tan, Y., Dourdin, N., Wu, C., De Veyra, T., Elce, J.S. and Greer, P.A. 2006. Ubiquitous Calpains Promote Caspase-12 and Jnk Activation During ER Stress-Induced Apoptosis. *J. Biol. Chem.* 281:16016-24

<http://www.ncbi.nlm.nih.gov/pubmed/16597616?dopt=Citation>

Dutt, P., Croall, D.E., Arthur, J.S.C., De Veyra, T., Williams, K., Elce, J.S., and Greer, P.A. 2006. m-Calpain is required for preimplantation embryonic development in mice. *BMC Dev. Biol.* 6:3

<http://www.ncbi.nlm.nih.gov/pubmed/16433929?dopt=Citation>

Publications: 2005

El Sayegh, T.Y., Arora, P.D., Laschinger, C.A., Greer, P.A., McCulloch, C.A. and Kapus, A. 2005. Phosphorylation of N-cadherin-associated cortactin by Fer kinase regulates N-cadherin mobility and intercellular adhesion strength. *Molecular Biology of the Cell* 16:5514-5527

<http://www.ncbi.nlm.nih.gov/pubmed/16176974?dopt=Citation>

Terry, D., Rees-Milton, K., Smith, P., Pezeshki, P., Woods, C., Greer, P.A., and Anastassiades, T., 2005. N-acylation of glucosamine modulates chondrocyte growth, proteoglycan synthesis and gene expression. *J. Rheumatology.* 32:1775-1786.

<http://www.ncbi.nlm.nih.gov/pubmed/16142878?dopt=Citation>

Sangrar, W., Zirngibl, R.A., Gao, Y., Muller, W.J., Jia, Z., and Greer, P.A. 2005 An identity crisis for *fps/fes*: Oncogene or tumour-suppressor ? *Cancer Research.* 65:3518-3522

<http://www.ncbi.nlm.nih.gov/pubmed/15867340?dopt=Citation>

Shimada, M., Mahon, M.J., Greer, P.A. and Serge, G.V. 2005. The receptor for parathyroid hormone and parathyroid hormone-related peptide is hydrolyzed and its signaling properties are altered by directly binding the calpain small subunit. *Endocrinology.* 146:2336-44

<http://www.ncbi.nlm.nih.gov/pubmed/15691895?dopt=Citation>

Demarchi, F., Bertoli, C., Greer, P.A., and Schneider, C. 2005. Ceramide triggers an NF- κ B dependent survival pathway through calpain-mediated degradation of p105. *Cell Death and Differentiation* 12:512-522

<http://www.ncbi.nlm.nih.gov/pubmed/15933726?dopt=Citation>

Qi, W., Ebbert, K.V.J., Craig, A.W.B., Greer, P.A., McCafferty, D.-M. 2005. Absence of Fer protein-tyrosine kinase exacerbates endotoxin-induced intestinal epithelial barrier dysfunction in vivo. *GUT* 54:1091-1097

<http://www.ncbi.nlm.nih.gov/pubmed/16009680?dopt=Citation>

Publications: 2004

Sangrar, W., Gao, Y., Bates, B., Zirngibl, R.A., and P.A. Greer. 2004. Activated Fps/Fes tyrosine kinase regulates erythroid differentiation and survival. *Experimental Hematology* 32:935-45

<http://www.ncbi.nlm.nih.gov/pubmed/15504549?dopt=Citation>

Sangrar, W., Senis, Y., Samis, J., Gao, Y., Richardson, M., Lee, D.H., and Greer, P.A. 2004. Hemostatic and hematological abnormalities in gain-of-function *fps/fes* transgenic mice are associated with the angiogenic phenotype. *Journal of Thrombosis and Haemostasis* 2:2009-2019

<http://www.ncbi.nlm.nih.gov/pubmed/15550033?dopt=Citation>

Huynh, H., Bottini, N., Williams, S., Cherepanov, V., Musumeci, L., Saito, K., Bruckner, S., Vachon, E., Wang, X., Kruger, J., Chow, C.-W., Pellicchia, M., Monosov, E., Greer, P.A., Trimble, W., Downey, G.P., and Mustelin, T. 2004. Control of vesicle fusion by a tyrosine phosphatase. *Nature Cell Biology* 6:831-839

<http://www.ncbi.nlm.nih.gov/pubmed/15322554?dopt=Citation>

Xu, G., Craig, A., Greer, P., Miller, M., Anastasiades, P., Lilien, J., and Balsamo, J. 2004. Continuous association of cadherin with β -catenin requires the non-receptor tyrosine kinase Fer. *Journal of Cell Science* 117:3207-3219

<http://www.ncbi.nlm.nih.gov/pubmed/15226396?dopt=Citation>

Fan, L., Di Ciano-Oliveira, C., Weed, S.A., Craig, A.W.B., Greer, P.A., Rotstein, O.D., and Kapus, A., 2004. Actin depolymerization-induced tyrosine phosphorylation of cortactin: The role of Fer kinase. *Biochemical Journal* 380:581-91

<http://www.ncbi.nlm.nih.gov/pubmed/15030313?dopt=Citation>

Sangrar, W., Mewburn, J., Vincent, S.G., Fisher, J.T., and Greer, P.A. 2004. Vascular defects in gain-of-function *fps/fes* transgenic mice correlate with PDGF- and VEGF-induced activation of mutant Fps/Fes kinase in endothelial cells. *Journal of Thrombosis and Haemostasis* 2:820-32

<http://www.ncbi.nlm.nih.gov/pubmed/15099290?dopt=Citation>

Vultur, A., Cao, J., Arulanandam, R., Turkson, J., Jove, R., Greer, P., Craig, A., Elliott, B., Raptis, L. 2004. Cell to cell adhesion modulates Stat3 activity in normal and breast carcinoma cells. *Oncogene* 23:2600-2616

<http://www.ncbi.nlm.nih.gov/pubmed/15007380?dopt=Citation>

Haigh, J. J., Ema, M., Haigh, K., Gertsenstein, M., Greer, P.A., Rossant, J., Nagy, A., and Wagner, E.F. 2004. Activated Fps/Fes partially rescues the in vivo developmental potential of Flk1 deficient vascular progenitor cells. *Blood* 103 (3): 912-920

<http://www.ncbi.nlm.nih.gov/pubmed/14525765?dopt=Citation>

Publications: 2003

Sangrar, W., Gao, Y., Zirngibl, R.A., Scott, M.L., and P.A. Greer. 2003. The *fps/fes* proto-oncogene regulates hematopoietic lineage output. *Experimental Hematology* 31:1259-1267

<http://www.ncbi.nlm.nih.gov/pubmed/14662333?dopt=Citation>

Sedarous, M., Keramaris, E., O'Hare, M., Melloni, E., Slack, R.S., Elce, J., Greer, P., and Park, D.S. 2003. Calpains mediate p53 activation and neuronal death evoked by DNA damage. *J. Biol. Chem.* 278: 26031-38

<http://www.ncbi.nlm.nih.gov/pubmed/12721303?dopt=Citation>

Senis, Y.A., Craig, A.W.B., and Greer, P.A. 2003. Fps/Fes and Fer protein-tyrosine kinases play redundant roles in regulating hematopoiesis. *Experimental Hematology* 31: 673-681

<http://www.ncbi.nlm.nih.gov/pubmed/12901971?dopt=Citation>

Senis, Y.A., Sangrar, W., Zirngibl, R., Craig, A.W.B., Lee, D.H. and Greer, P.A. 2003. Fps/Fes and Fer non-receptor protein-tyrosine kinases regulate collagen- and ADP- induced platelet aggregation. *J. Thrombosis and Haemostasis* 1:1062-1070

<http://www.ncbi.nlm.nih.gov/pubmed/12871378?dopt=Citation>

Publications: 2002

Postovit, L.-M., Dutt, P., Dourdin, N., Park, M., Greer, P.A., Graham, C.H. and Elce, J.S. 2002. Expression of MMP-2 and u-PA is dependent on calpain in SV40 T-antigen transformed fibroblasts. *Biochem. Biophys. Res. Comm.* 297:294-301

<http://www.ncbi.nlm.nih.gov/pubmed/12237117?dopt=Citation>

Craig, A.W.B. and Greer, P.A. 2002. Fer kinase is required for sustained p38 kinase activation and maximal chemotaxis of activated mast cells. *Mol. Cell. Biol.* 22:(18) 6363-6374

<http://www.ncbi.nlm.nih.gov/pubmed/12192036?dopt=Citation>

Greer, P.A. Closing in on the biological roles of Fps/Fes and Fer protein-tyrosine kinases. 2002. *Nature Reviews Molecular Cell Biology* 3:278-289

<http://www.ncbi.nlm.nih.gov/pubmed/11994747?dopt=Citation>

McCafferty, D.M., Craig, A.W.B., and Greer, P.A. 2002. Absence of Fer protein-tyrosine kinase exacerbates leukocyte recruitment in response to endotoxin. *J. Immunol.* 168:4930-4935

<http://www.ncbi.nlm.nih.gov/pubmed/11994443?dopt=Citation>

Zirngibl, R., Senis, Y., and Greer, P.A. 2002. Enhanced endotoxin-sensitivity in Fps/Fes-null mice with minimal defects in hematopoietic homeostasis. *Mol. Cell. Biol.* 22:2472-2486

<http://www.ncbi.nlm.nih.gov/pubmed/11909942?dopt=Citation>

Carragher, N.O., Westhoff, M.A., Riley, D., Potter, D.A., Dutt, P., Elce, J.S., Greer, P.A., and Frame, M.C. 2002. v-Src induced modulation of the calpain-calpastatin proteolytic system regulates both morphological transformation and cell cycle progression. *Mol. Cell. Biol.* 22: 257-269

<http://www.ncbi.nlm.nih.gov/pubmed/11739739?dopt=Citation>

Publications: 2001

Dourdin, N., Bhatt, A. K., Greer, P. A., Arthur, J. S. C., Elce, J. S., and Huttenlocher, A. 2001. Reduced cell migration and disruption of the actin cytoskeleton in calpain-deficient embryonic fibroblasts. *J. Biol. Chem.* 276: 48382-48388

<http://www.ncbi.nlm.nih.gov/pubmed/11602605?dopt=Citation>

Keller, P., Payne, J. L., Tremml, G., Greer, P. A., Gaboli, M., Pandolfi, P. P., and Bessler, M. 2001. FES-Cre targets PIGA inactivation to hematopoietic stem cells in the bone marrow. *J. Exp. Med.* 194: (5) 581-589

<http://www.ncbi.nlm.nih.gov/pubmed/11535627?dopt=Citation>

Zirngibl, R., Schulze, D., Mirski, S.E.L, Cole, S.P.C, and Greer, P.A. 2001 Subcellular localization analysis of the closely related Fps/Fes and Fer protein-tyrosine kinases suggests a distinct role for Fps/Fes in vesicular trafficking. *Experimental Cell Research* 266:87-94

<http://www.ncbi.nlm.nih.gov/pubmed/11339827?dopt=Citation>

Bovenkamp, D.E. and Greer, P.A. 2001 Degenerate PCR-based cloning method for Eph receptors and analysis of their expression in the developing murine CNS and vasculature. *DNA and Cell Biology* 20:203-213

<http://www.ncbi.nlm.nih.gov/pubmed/11403717?dopt=Citation>

Craig, A.W.B., Zirngibl, R., Williams, K., Cole, L.A. and Greer, P.A. 2001. Mice devoid of Fer protein-tyrosine kinase activity are viable and fertile, but display reduced cortactin phosphorylation. *Molecular and Cellular Biology* 21:603-613

<http://www.ncbi.nlm.nih.gov/pubmed/11134346?dopt=Citation>

Zirngibl, R. and Greer, P. 2001. Analysis of protein kinase subcellular localization by visualization of GFP fusion proteins. *Methods in Molecular Biology* 124:195-208
<http://www.ncbi.nlm.nih.gov/pubmed/11100477?dopt=Citation>

Publications: 1996-2000

Arthur, J.S.C., Elce, J.S., Hegadorn, C., Williams, K. and Greer, P.A. 2000. Disruption of murine calpain small subunit gene, *Capn4*: Calpain is essential for embryonic development but not for cell growth and division. *Molecular and Cellular Biology* 20:4474-4481
<http://www.ncbi.nlm.nih.gov/pubmed/10825211?dopt=Citation>

Senis, Y., Zirngibl, R., McVeigh, J., Haman, A., Hoang, T., and Greer, P.A. 1999. Targeted disruption of the murine *fps/fes* proto-oncogene reveals that Fps/Fes kinase activity is dispensable for hematopoiesis. *Molecular and Cellular Biology* 19:7436-7446
<http://www.ncbi.nlm.nih.gov/pubmed/10523632?dopt=Citation>

Craig, A., Zirngibl, R. and Greer, P. 1999. Disruption of coiled-coil domains in Fer protein kinase abolishes trimerization but not kinase activation. *J. Biological Chemistry* 274(28):19934-19942
<http://www.ncbi.nlm.nih.gov/pubmed/10391941?dopt=Citation>

Cole, L.A., Zirngibl, R., Craig, A., Jia, Z. and Greer, P. 1999. Mutation of a highly conserved aspartate residue in subdomain IX abolishes Fer protein-tyrosine kinase activity. *Protein Eng.* 12(2):155-162
<http://www.ncbi.nlm.nih.gov/pubmed/10195287?dopt=Citation>

Arthur, J.S.C., Greer, P. and Elce, J. S. 1998. Structure of the mouse calpain small subunit gene. *Biochim. Biophys. Acta* 1388:247-252
<http://www.ncbi.nlm.nih.gov/pubmed/9774740?dopt=Citation>

Mirski, S.E.L., Gerlach, J.H., Cummings, H.J., Zirngibl, R., Greer, P. and Cole, S.P.C. 1997. Bipartite nuclear localization signals in the C terminus of human topoisomerase II α . *Exp. Cell Res.* 237:452-455
<http://www.ncbi.nlm.nih.gov/pubmed/9434641?dopt=Citation>

Bovenkamp, D.E. and Greer, P. 1997. A novel Eph-family receptor tyrosine kinase is widely expressed in the developing zebrafish nervous system. *Dev. Dynam.* 209:166-181
<http://www.ncbi.nlm.nih.gov/pubmed/9186052?dopt=Citation>

Haigh, J., McVeigh, J. and Greer, P. 1996. The Fps/Fes tyrosine kinase is expressed in myeloid, vascular endothelial, epithelial and neuronal cells, and is localized in the trans golgi network. *Cell Growth and Diff.* 7:931-944
<http://www.ncbi.nlm.nih.gov/pubmed/8809411?dopt=Citation>

Izuhara, K., Feldman, R.A., Greer, P. and Harada, N. 1996. Interleukin-4 induces association of the c-fes proto-oncogene product with phosphatidylinositol-3 kinase. *Blood* 88:3910-3918
<http://www.ncbi.nlm.nih.gov/pubmed/8916957?dopt=Citation>

Wang, S.-J., Greer, P. and Auerbach, R. 1996. Isolation and propagation of yolk sac-derived endothelial cells from a hypervascular transgenic mouse expressing a gain-of-function *fps/fes* proto-oncogene. *In Vitro Cell. & Dev. Biol.* 32:292-299
<http://www.ncbi.nlm.nih.gov/pubmed/8792159?dopt=Citation>

Publications: 1991-1995

Linnekin, D., Mou, S.M., Greer, P., Longo, D.L. and Ferris, D.K. 1995. Phosphorylation of a Fes-related protein in response to granulocyte-macrophage colony stimulating factor. *J. Biol. Chem.* 270: 4950-4954
<http://www.ncbi.nlm.nih.gov/pubmed/7876270?dopt=Citation>

Yang, J. Z., Greer, P., Van Vugt, D.A. and Reid, R.L. 1995. Treatment with 5-aminolevulinic acid and photoactivating light causes destruction of early stage mouse embryos. *Fert. Steril.* 63:1088-1093
<http://www.ncbi.nlm.nih.gov/pubmed/7720923?dopt=Citation>

Greer, P., Haigh, J., Mbamalu, G., Khoo, W., Bernstein, A. and Pawson, T. 1994. The Fps/Fes protein-tyrosine kinase promotes angiogenesis in transgenic mice. *Mol. Cell. Biol.* 14:6755-6763
<http://www.ncbi.nlm.nih.gov/pubmed/7523858?dopt=Citation>

Izuhara, K., Feldman, R.A., Greer, P. and Harada, N. 1994. Interaction of the c-fes proto-oncogene product with the interleukine-4 receptor. *J. Biol. Chem.* 269: 18623-18629
<http://www.ncbi.nlm.nih.gov/pubmed/7518439?dopt=Citation>

Chen, L., Zhang, L.-J., Greer, P. and Moran, M.F. 1993. A murine CDC25/Ras-GRF-related protein implicated in ras regulation. *Dev. Genet.* 14: 339-346
<http://www.ncbi.nlm.nih.gov/pubmed/8293576?dopt=Citation>

Zhang, L., Lemarchandel, V., Romeo, P-H., Ben-David, Y., Greer, P. and Bernstein, A. 1993. The *Fli-1* proto-oncogene, involved in erythroleukemia and Ewing's sarcoma, encodes a transcriptional activator with DNA-binding specificities distinct from other Ets family members. *Oncogene* 8:1621-30
<http://www.ncbi.nlm.nih.gov/pubmed/8502483?dopt=Citation>

Lhotak, V., Greer, P., Letwin, K. and Pawson, T. 1991. Characterization of ELK, a brain-specific receptor tyrosine kinase. *Mol. Cell. Biol.* 11:2496-2502
<http://www.ncbi.nlm.nih.gov/pubmed/2017163?dopt=Citation>

Publications: 1986-1990

Greer, P., Maltby, V., Rossant, J., Bernstein, A. and Pawson, T. 1990. Myeloid expression of the human *c-fps/fes* proto-oncogene in transgenic mice. *Mol. Cell. Biol.* 10:2521-2527
<http://www.ncbi.nlm.nih.gov/pubmed/2188092?dopt=Citation>

Yee, S-P., Mock, D., Greer, P., Maltby, V., Rossant, J., Bernstein, A. and Pawson, T. 1989. Lymphoid and mesenchymal tumors in transgenic mice expressing the *v-fps* protein-tyrosine kinase. *Mol. Cell. Biol.* 9:5491-5499

<http://www.ncbi.nlm.nih.gov/pubmed/2555699?dopt=Citation>

Greer, P., Meckling-Hansen, K. and Pawson, T. 1988. The human *c-fps/fes* gene product expressed ectopically in rat fibroblasts is non-transforming and has restrained protein-tyrosine kinase activity. *Mol. Cell. Biol.* 8:578-587

<http://www.ncbi.nlm.nih.gov/pubmed/3352601?dopt=Citation>

Hasel, K., Day, S., Millward, S., Richardson, C., Bellini, W. and Greer, P. 1987. Characterization of cloned measles virus mRNAs by *in vitro* transcription, translation and immunoprecipitation. *Intervirology* 28:26-39

<http://www.ncbi.nlm.nih.gov/pubmed/3429193?dopt=Citation>

Greer, P., Hasel, K. and Millward, S. 1986. Cloning and *in vitro* expression of the measles virus Matrix Gene. *Biochem. Cell Biol.* 64:1038-1043

<http://www.ncbi.nlm.nih.gov/pubmed/3026420?dopt=Citation>

Richardson, C.D., Hull, D., Greer, P., Hasel, K., Berkovich, A., Englund, G., Bellini, W., Rima, B. and Lazzarini, R.A. 1986. The nucleotide sequence of the mRNA encoding the fusion protein of measles virus (Edmonston Strain): A comparison of fusion proteins from several different paramyxoviruses. *Virology* 155:508-523

<http://www.ncbi.nlm.nih.gov/pubmed/3788062?dopt=Citation>