

Barbara Leinweber Publications

Protein Targets in Eker Rat Renal Cell Carcinoma Revealed by MALDI-Tissue Imaging
Leinweber BD, Nagle R, Tsaprailis G, Monks TJ, Lau SS *In process*

Protein profiling and identification in the Eker rat kidney in response to TGHQ
Leinweber BD, Nagle R, Tsaprailis G, Monks TJ, Lau SS *In process*

MALDI tissue imaging and protein profiling in a contracting rat colon
Leinweber BD, Nagle R, Tsaprailis G, Monks TJ, Lau SS *In process*

Improved MALDI-TOF Imaging Yields Increased Protein Signals at High Molecular Mass.
Leinweber BD, Tsaprailis G, Monks TJ, Lau SS.
J Am Soc Mass Spectrom. 2008 Sep 12. [Epub ahead of print]

Localization of the actin-binding protein fesselin in chicken smooth muscle.
Renegar RH, Chalovich JM, Leinweber BD, Zary JT, Schroeter MM.
Histochem Cell Biol. 2008 Sep 27. [Epub ahead of print]

Detection of reversible protein thiol modifications in tissues.
Rogers LK, Leinweber BL, Smith CV.
Anal Biochem. 2006 Nov 15;358(2):171-84.

Regulation of protein kinase C by the cytoskeletal protein calponin.
Leinweber B, Parissenti AM, Gallant C, Gangopadhyay SS, Kirwan-Rhude A, Leavis PC, Morgan KG.
J Biol Chem. 2000 Dec 22;275(51):40329-36.
Leinweber B, Parissenti AM, Gallant C, Gangopadhyay SS, Kirwan-Rhude A, Leavis PC, Morgan KG

Thin and thick filament regulation of contractility in experimental cerebral vasospasm.
Kim I, Leinweber BD, Morgalla M, Butler WE, Seto M, Sasaki Y, Peterson JW, Morgan KG.
Neurosurgery. 2000 Feb;46(2):440-6; discussion 446-7.

Fesselin: a novel synaptopodin-like actin binding protein from muscle tissue.
Leinweber BD, Fredricksen RS, Hoffman DR, Chalovich JM.
J Muscle Res Cell Motil. 1999 Aug;20(5-6):539-45.

Extracellular regulated kinase (ERK) interaction with actin and the calponin homology (CH) domain of actin-binding proteins.
Leinweber BD, Leavis PC, Grabarek Z, Wang CL, Morgan KG.
Biochem J. 1999 Nov 15;344 Pt 1:117-23

Calponin interaction with alpha-actinin-actin: evidence for a structural role for calponin.
Leinweber B, Tang JX, Stafford WF, Chalovich JM.
Biophys J. 1999 Dec;77(6):3208-17.