

## ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS

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2. Parker, CM, Cepek, KL, Russell, GJ, **Shaw, SK**, Posnett, DN, Schwarting, R, Brenner, MB. A family of  $\beta 7$  integrins on human mucosal lymphocytes. *Proc Natl Acad Sci USA*. 1992; 89:1924-8.
3. **Shaw, SK**, Cepek, KL, Murphy, EA, Russell, GJ, Brenner, MB, Parker, CM. Molecular cloning of the human mucosal lymphocyte integrin  $\alpha E$  subunit: unusual structure and restricted RNA distribution. *J Biol Chem* 1994; 269:6016-25
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5. Cepek, KL, **Shaw, SK**, Parker, CM, Russell, GJ, Morrow, J, Rimm, DL, Brenner, MB. Adhesion between epithelial cells and T lymphocytes mediated by E-cadherin and the  $\alpha E \beta 7$  integrin. *Nature*, 1994; 372:190-3.
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9. **Shaw, SK**, Bamba, PS, Perkins, BN, Luscinskas, FW. Real-time imaging of Vascular Endothelial-Cadherin during leukocyte transmigration across endothelium. *J Immunol*. 2001; 167:2323-2330.
10. **Shaw, SK**, Perkins, BN, Lim, Y-C, Liu, Y, Nusrat, A, Schnell, FJ, Parkos, CA, Luscinskas, FW. Reduced Expression of Junctional Adhesion Molecule (JAM) and PECAM-1 (CD31) at human vascular endothelial junctions by cytokines TNF- $\alpha$  plus IFN- $\gamma$  does not reduce leukocyte transmigration under flow. *Am J Pathol*. 2001; 159:2281-2291.
11. Ancuta, P, Rao, R, Moses, A, Mehle, A, **Shaw, SK**, Luscinskas, FW, and Gabuzda, D. Fractalkine Selectively Mediates Arrest and Migration of CD16+ Monocytes. *J Exp Med*. 2003; 197:1701-1707.
12. Warke, RV, Xhaja, K, Martin, KJ, Fournier, MF, **Shaw, SK**, Brizuela, N, de Bosch, N, Lapointe, D, Rothman, AL, and Bosch, I. Pro-inflammatory response of Human Umbilical

Vein Endothelial Cells to Dengue virus infection analyzed by independent gene expression technologies. *J Virol.* 2003; 77:11822-11832.

13. Rao, RM, Betz, TV, Lamont, DJ, Kim, MB, **Shaw, SK**, Froio, RM, Baleux, F, Arenzana-Seisdedos, F, Alon, R, Luscinskas, FW. Elastase release by transmigrating neutrophils deactivates endothelial-bound SDF-1alpha and attenuates subsequent T lymphocyte transendothelial migration. *J Exp Med.* 2004;200:713-724

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\*Equal authorship

15. **Shaw, SK\***, Ma, S\*, Kim, MB, Rao, RM, Hartman, CU, Froio, RM, Yang, L, Jones, T, Liu, Y, Nusrat, A, Parkos, CA, Luscinskas, FW. Coordinated redistribution of leukocyte LFA-1 and endothelial ICAM-1 accompany neutrophil transmigration. *J Exp Med.* 2004;200:1571-1580.

\*Equal authorship

#### OTHER PEER REVIEWED PUBLICATIONS

1. **Shaw, SK**, and Brenner, MB. The  $\beta 7$  Integrins in Mucosal Homing and Retention. *Semin Immunol.* 1995; 7:335-42.

2. Luscinskas, FW and **Shaw, SK**. The Biology of Endothelial Cell-Cell Lateral Junctions. *Microcirculation* 2001; 8:141-142.

3. Luscinskas, FW, Ma, S, Nusrat, A, Parkos, CA and **Shaw, SK**. Leukocyte transendothelial migration: A Junctional Affair. *Semin. Immunol.* 2002; 14:105-113.

4. Luscinskas, FW, Ma, S, Parkos, CA, and **Shaw, SK**. The role of endothelial cell lateral junctions during leukocyte trafficking. *Immunol.Revs.* 2002; 186:57-67.

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#### BOOKS AND BOOK CHAPTERS

1. Luscinckas, FW, Allport, JR and **Shaw, SK**. Endothelial-dependent Mechanisms of Monocyte Recruitment. In: Granger, ND and Schmid-Shonbein, GW, editors. *Molecular Mechanisms of Microvascular Disorders*. Paris: Springer-Verlag. 2003. Chapter 4, 89-102.

## ABSTRACTS

1. **Shaw, SK**, Bamba, PS, Perkins, BN, Luscinckas FW. 2000. Live Time imaging of vascular endothelial -cadherin during leukocyte transmigration across endothelium. *FASEB J*. 15:A391 and A1178.

2. Luscinckas FW, Perkins B, Bamba, PS, **Shaw, SK**. 2001. Live Time imaging of vascular endothelial VE-cadherin during leukocyte transmigration across endothelium. XVIII Congress The International Society on Thrombosis and Haemostasis, Paris, France. ATVB

3. Ma, S, **Shaw, SK**, Yang, Y, Jones, T, Liu, Y, Nusrat, A, Parkos, CA, Luscinckas, FW. Dynamics of Junctional Adhesion Molecule1 (JAM1) during leukocyte transendothelial migration under flow in vitro. *Experimental Biology* 2003, San Diego