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## 2021

**Targeting Versican as a Potential Immunotherapeutic Strategy in the Treatment of Cancer.**  
Hirani P, Gauthier V, Allen CE, Wight TN and Pearce OMT. *Frontiers in Oncology* vol. 11.,

**A human multi-cellular model shows how platelets drive production of diseased extracellular matrix and tissue invasion.**

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**Modelling TGF?R and Hh pathway regulation of prognostic matrisome molecules in ovarian cancer.**  
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**Mechanical stimulation modulates osteocyte regulation of cancer cell phenotype.**

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**Basement membrane stiffness determines metastases formation.**

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**A sweet approach to heat up cancer response to immunotherapy.**  
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**FAK activity in cancer-associated fibroblasts is a prognostic marker and a druggable key metastatic player in pancreatic cancer.**

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**Versican--A Critical Extracellular Matrix Regulator of Immunity and Inflammation.**

Wight TN, Kang I, Evanko SP, Harten IA, Chang MY, Pearce OMT, Allen CE and Frevert CW. *Frontiers in Immunology* vol. 11.,*Frontiers Media*.

**Mouse Ovarian Cancer Models Recapitulate the Human Tumor Microenvironment and Patient Response to Treatment.**

Maniati E, Berlato C, Gopinathan G, Heath O, Kotantaki P, Lakhani A, McDermott J, Pegrum C, Delaine-Smith RM, Pearce OMT, Hirani P, Joy JD, Szabova L, Perets R, Sansom OJ, Drapkin R, Bailey P and Balkwill FR. *Cell Reports* vol. 30, (2) 525-540.e7.

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### **Characterization of the Extracellular Matrix of Normal and Diseased Tissues Using Proteomics.**

Naba A, Pearce OMT, Del Rosario A, Ma D, Ding H, Rajeeve V, Cutillas PR, Balkwill FR and Hynes RO. *Journal of Proteome Research* vol. 16, (8) 3083-3091.

### **Cancer Immunotherapy.**

Pearce OMT and LÄ¶ubli H. *Glycobiology* vol. 28, (9) 638-639.

### **Cancer glycan epitopes: biosynthesis, structure, and function.**

Pearce OM. *Glycobiology*.

## 2017

### **Deconstruction of a metastatic tumor microenvironment reveals a common matrix response in human cancers.**

Pearce OMT, Delaine-Smith R, Maniati E, Nichols S, Wang J, Böhm S, Rajeeve V, Ullah D, Chakravarty P, Jones RR, Montfort A, Dowe T, Gribben J, Jones JL, Kocher HM, Serody JS, Vincent BG, Connelly J, Brenton JD, Chelala C, Cutillas PR, Lockley M, Bessant C, Knight M and Balkwill FR. *Cancer Discov.*

### **N-glycolyl groups of nonhuman chondroitin sulfates survive in ancient fossils.**

Bergfeld AK, Lawrence R, Diaz SL, Pearce OMT, Ghaderi D, Gagneux P, Leakey MG and Varki A. *Proc Natl Acad Sci U S A* vol. 114, (39) E8155-E8164.

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### **Reply to Mackenzie: A comparison of Neu5Gc and -gal xenoantigens.**

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**A red meat-derived glycan promotes inflammation and cancer progression.**

Samraj AN, Pearce OMT, LÄubli H, Crittenden AN, Bergfeld AK, Band K, Gregg CJ, Bingman AE, Secretst P, Diaz SL, Varki NM, Varki A and Kornfeld SA. *Proceedings of The National Academy of Sciences of The United States of America* vol. 112, (2) 542-547.

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