

SEP. 3 (WED) - 5 (FRI) | GRAND WALKERHILL SEOUL, KOREA

• Name:

• Country:

Erica Sloan

- Current Position & Affiliation: Professor, Monash Institute of Pharmaceutical Sciences, Monash University, Melbourne. Australia

Educational Background:

- B.Sc. (Honours). The Australian National University, 1996
- Ph.D. Cancer Biology, The University of Melbourne, 2002
- Postdoctoral Fellow, University of California Los Angeles, 2007 •

• **Professional Experience:**

- Research Fellow, University of California Los Angeles, 2008-2009
- Associate Professor, University of California Los Angeles, 2010-2019
- Honorary Senior Researcher, Peter MacCallum Cancer Centre, Melbourne, 2013-current •

• Professional Organizations:

- Academy of Behavioral Medicine Research, Elected Fellow •
- European Association for Cancer Research, Member •
- Australian Metastasis Research Society, Member •
- PsychoNeuroImmunology Research Society, Member
- Clinical and Experimental Metastasis, Editorial Board •
- Brain Behavior and Immunity Integrative. Editorial Board •

• Main Scientific Publications:

- Sloan, EK, et al. 2010. The sympathetic nervous system induces a metastatic switch in primary breast cancer. Cancer Res. 70(18): 7042-52
- Chang, A, ...Sloan, EK. Beta-blockade enhances anthracycline control of metastasis in triple • negative breast cancer, Sci Trans Med, 2023. 15(693): eadf1147
- Devi, S., ...Sloan, EK, Mueller, SN. Adrenergic regulation of the vasculature impairs • leukocyte interstitial migration and suppresses immune responses. Immunity. 2021. 54(6):1219-1230
- Hiller, J., ..., Sloan EK. 2019. Pre-operative β-blockade with propranolol reduces biomarkers • of metastasis in breast cancer: a Phase II randomized trial. Clin Cancer Res. 26:1803-1811
- Monje, M,...Sloan EK, Roadmap for the Emerging Field of Cancer Neuroscience. 2020. Cell. • 181:219
- Nissen, M.D., Sloan, E.K., Mattarollo, S.R. 2017. Beta-adrenergic signaling impairs antitumor • CD8+ T cell responses to B-cell lymphoma immunotherapy. Cancer Imm Res. 6(1)98-109.
- Le, CP, ... Sloan, EK. Chronic stress in mice remodels lymph vasculature for metastatic dissemination. Nature Commss, 2016; 7: 10634