Recent Publications

Mani SA, Guo W, Liao MJ, Eaton EN, Ayyanan A, Zhou AY, Brooks M, Reinhard F, Zhang CC, Shipitsin M, Campbell LL, Polyak K, Brisken C, Yang J, Weinberg RA. The epithelial-mesenchymal transition generates cells with properties of stem cells. *Cell.* 2008; 133(4):704-15.

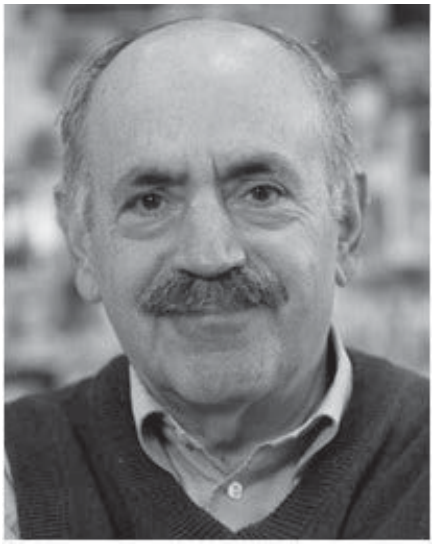
Guo W, Keckesova Z, Donaher JL, **Shibue T**, Tischler V, Reinhardt F, Itzkovitz S, Noske A, Zurrer-Hardi U, Bell G, Tam WL, Mani SA, van Oudenaarden A, Weinberg RA. Slug and Sox9 cooperatively determine the mammary stem cell state. *Cell*. 2012; 148(5):1015-28.

Shibue T, Brooks MW, Inan MF, Reinhardt F, Weinberg RA. The outgrowth of micrometastases is enabled by the formationn of filopodium-like protrusions. *Cancer Discov*. 2012; 2(8):706-21.

Shibue T, Brooks MW, Weinberg RA. An integrin-linked machinery of cytoskeletal regulation that enables experimental tumor initiation and metastatic colonization. *Cancer Cel*l. 2013; 24(2):481-98.

Ye X, Tam WL, **Shibue T**, Kaygusuz Y, Reinhardt F, Ng Eaton E, Weinberg RA. Distinct EMT programs control normal mammary stem cells and tumour-initiating cells. *Nature*. 2015; 525(7568):256-60.

Video Message from Prof. Weinberg



Robert A. Weinberg, PhD
Daniel K. Ludwig Professor for Cancer Research; Member, Whitehead Institute

Bob Weinberg is a Founding Member of the Whitehead Institute for Biomedical Research and Professor of Biology at the Massachusetts Institute of Technology. The Weinberg lab is known for its discoveries of the first human oncogene – the ras oncogene that causes normal cells to form tumors, and the isolation of the first known tumor suppressor gene - the Rb gene.