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Friday, December 7, 2018
11:00 am – 12:00 pm
UPC – Denney Research Center (DRB), Room 145

“Untangling the Feedback Loops”

Abstract: Organisms are an evolutionary masterpiece of feedback control, featuring a mind boggling capacity to self-correct. Feedback loops enable cells to grow and then stop at the right size, to divide and self-repair, and to respond with agility to their changing environment. Individual cells engage in long range extracellular feedback with other cells, ensuring continued homeostasis of communities, tissues and organs. . In this talk, we demonstrate the dynamic anatomy of a few feedback loops and highlight the technological advances that made these insights possible.

Hosted by: Stacey Finley