BIOCHEMISTRY 403: BIOCHEMISTRY OF SIGNAL TRANSDUCTION COURSE OUTLINE - FALL 2013

Biochemistry of Signal Transduction

The objective of this course is to examine in detail the biochemical basis of the transmission of molecular signals from a cell's exteriorBioch0 0 lu1(c)3 (t) 7 (i) 90) 2 (n)]T.ET @0.2b 0.4009(c)3 (t) BT 450 0 450

Dates Topic Instructor Introduction - Principles Sept 5 Burke 9, 12 Burke TGF! Pathway Receptor Tyrosine Kinases and MAP Kinase Pathway 16, 19 Burke 23, 26 JAK/STAT Burke

30, Oct 3 Hedgehog, Wnt Burke There is no assigned text for the course; topics will be drawn from primary and review literature, assigned in class, and posted on the course website. Students are expected to complete the reading assignments and the material will be included in the midterm and final exams. There will be several 1-page, research or reading assignments made throughout the course. We expect students to attend all the lectures, take notes, and participate in classroom discussions. Students are expected to attend all

Bioc 403 Biochemistry of Signal Transduction DEPARTMENT INFORMATION AND POLICIES

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1. The Department of Biochemistry and Microbiology upholds and enforces the University's policies on plagiarism and cheating. These policies are described in the current University Calendar. All students are advised to read this section.