

## HLTH 147 | QUIZ 23 OF 29 (Lecture 28)

NAMES \_\_\_\_\_

**What is protein turnover?**

**What is hypertrophy?**

**Why does hypertrophy happen?**

**What turns on PKB?**

**PKA and PKB. One is anabolic, the other is catabolic. Which is which?**

**Does PKB promote or inhibit apoptosis?**

**PKB and Tuberin (TSC2): what's the relationship?**

**What is mTOR?**

**What's "mechanotransduction"? (Hint: I discuss it on the integrin slide.)**

**What is meant by "upstream" and "downstream" in regard to cell signaling?**

**What's transcription? What's translation?**

**Draw the signaling cascade for Insulin to deactivate PKA.**