

HLTH 147 | QUIZ 26 OF 29 (Lecture 31)

NAMES _____

Is testosterone's primary role genomic or non-genomic? Where are its receptors?

What is testosterone's relationship with IGF-1? LKB1? Intracellular calcium?

What is estrogen's relationship with intracellular calcium? Tuberin? LKB1? AMPK?

How does growth hormone induce hypertrophy? (Be detailed)

How do thyroid hormones induce hypertrophy? (Be brief)

What is mTOR's primary "worksite"? (Even briefer)

What is a lysosome?

How do Rag proteins contribute to mTOR activation?

What amino acids is mTOR most sensitive to?

How is leucine sensed?

How is arginine sensed?

How can cholesterol increase anabolism?

What are two lipid compounds that increase anabolism?

“mTOR is a two-key system.” What is meant by that?