Amino acid metabolism pathway

“Extra amino acids”

Liver converts to:

pyruvate

1. How can pyruvate be used to make ATP? Acetyl CoA → Kreb’s cycle

2. What else can pyruvate be changed into? A) glucose B) Fat

Extra amino acids that even the liver can’t metabolize, liver converts to:

Kidneys excrete in urine as:

Urea → Ammonia

Azotemia = hi BUN
PKU - genetic disorder. Can’t metabolize phenylalanine