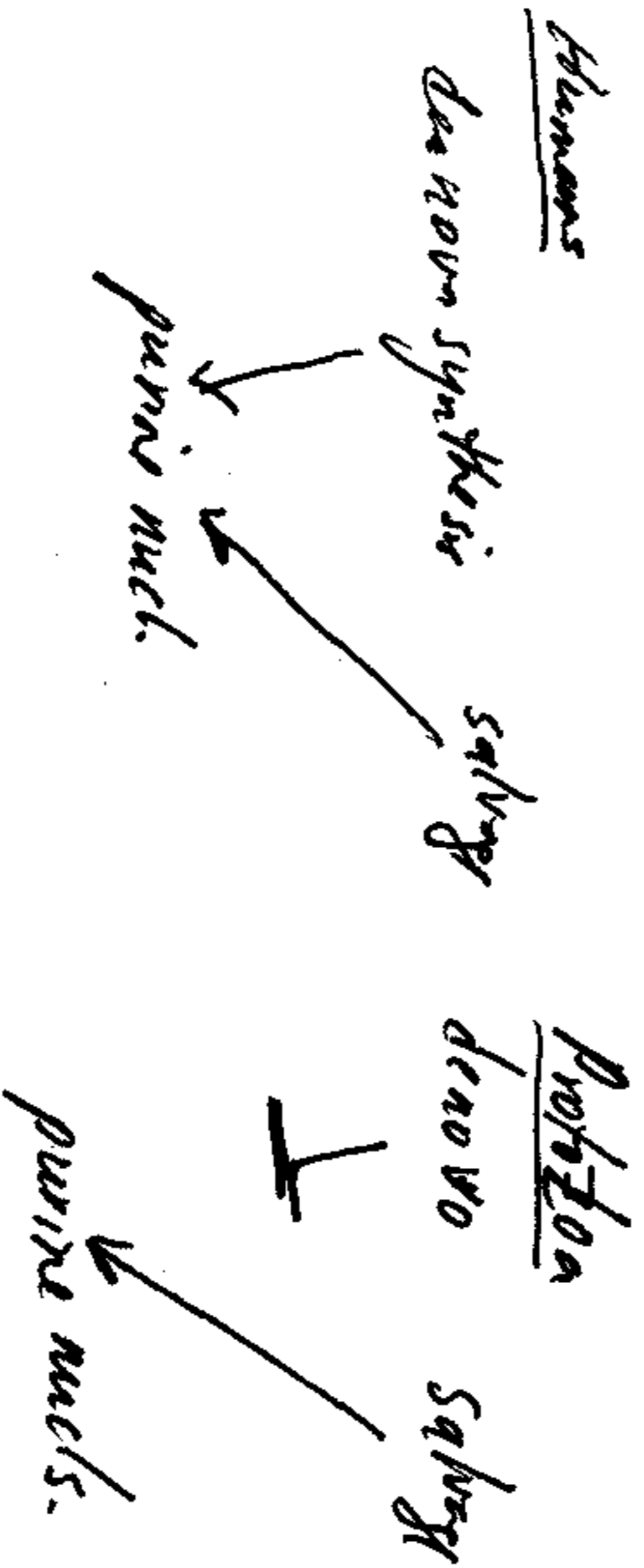


Buddy Ullman - Protozoan Parasites Purine Pathway

Typanosoma  
Leishmanina

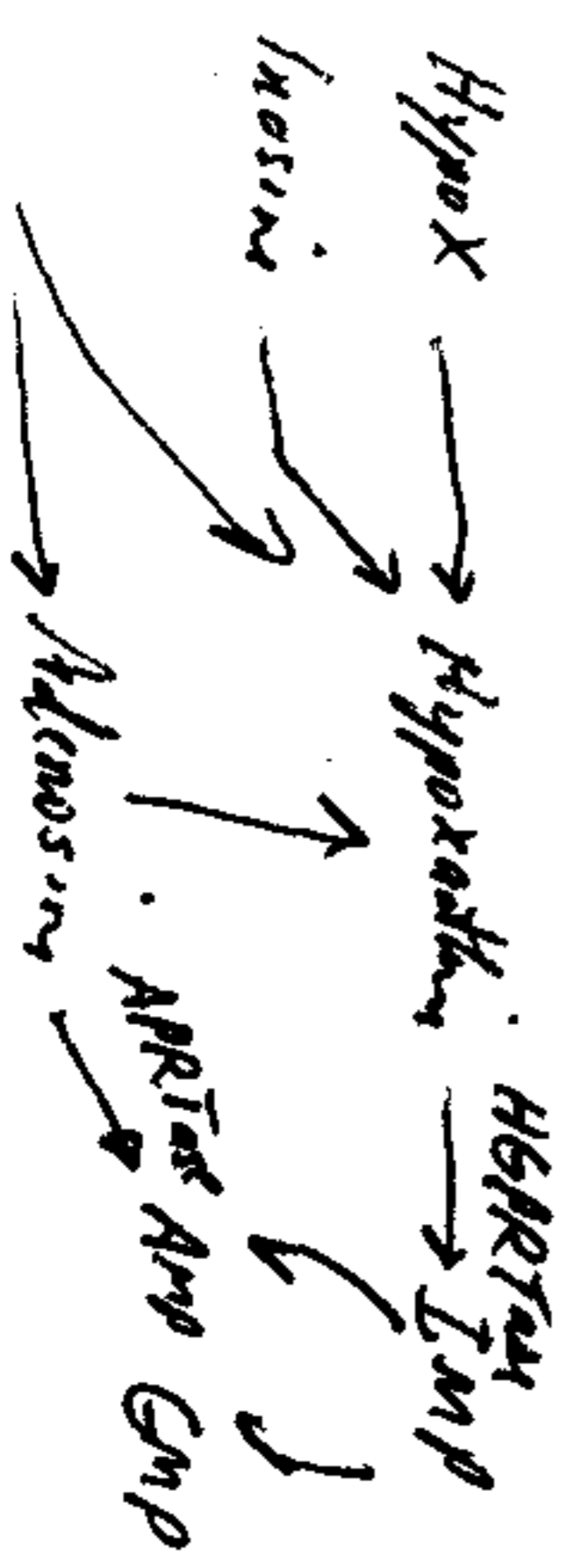
Each introduced by insect vectors

most drugs used  
- highly toxic to humans  
- most are not selected for metabolic effects



Protozoas

- only have salvage  
- each salvage pathway different



Purify Protein

Sequences

Appear to be localized to glycosome

Are these genes essential  
homologous recomb. based to.

HEPRT mutants  
- still can grow on any purine source

Expressed in E. coli