

# Projects:

9/10/46.

Limbage in *E. coli*; virus resistance; colonial morphology

U.V. + *E. coli* mutations; method.

Penicillin, etc. + *coli* zygospores

*Salmonella* - mutations; viruses; mutants; recombination; natural host.

Other microorg: *Thermophilus* canis;

*Staphylococcus* *Flavocyanus*; other ...

Principles (natural requirements).

Reverse + Shift Mutations

(Ryan) = <sup>stat.</sup> heat + x-ray

Proteus Large Bodies.

(Tatum)

Transformation

(Tatum)

p-Fluorophenylalanine

(Kittling).

Growth kinetics + syntrophism.

*Neurospora* heterozygote transformation

(E2)

Proteus + sexuality.