Virulence & Attenuation of Parasites Maintained in the Lab

Examples of changes in virulence [A & B] and attenuation [D & E].

A. *Salmonella* in mice
B. *Trypanosoma* in mice
C. Corn beetles maintained on other food, lost ability to attack corn.
D. *Theileria* maintained in vitro became less virulent in natural host.

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Example of Paratenesis

Paratelic Transmission = Life-cycle