

## Classical Conditioning – The Basic Model

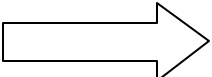


**BELL (CS)** Before conditioning, a BELL is neutral with respect to the response being studied, salivation. Ringing a BELL may get an animal's attention but it does not cause the animal to salivate.

**FOOD POWDER (UCS)** Before conditioning, FOOD POWDER has the ability, as an UCS, to elicit salivation, an unconditioned reflex or response (UCR). Salivation to FOOD POWDER is an inborn reflex that occurs naturally. It does not need to be learned.

**BELL (CS) + FOOD POWDER (UCS)**  **SALIVATION(UCR)**

During conditioning, the BELL & FOOD POWDER are repeatedly paired with each other. After conditioning, ringing the BELL alone will be sufficient to produce salivation but now, since it is occurring in the presence of a previously neutral stimulus, we refer to this new learned response as a conditioned reflex or response, a CR.

**BELL (CS)**  **SALIVATION (CR)**