

VOCABULARY

- ***Veto** – to forbid something, or stop it being put into action
- ***Pheromones** – are chemical substances secreted outside the body, and they influence the behavior of another individual. They induce activity in other individuals, such as sexual arousal.
- ***Ovulation** – is the release of an egg, or ovum, which may then be fertilized by a sperm cell or dissolved during menstruation
- ***Testosterone** – a hormone found in men and male animals, which can also be produced artificially. It is thought to be responsible for the male sexual instinct and other male characteristics.
- ***MHC** – (*Major Histocompatibility Complex*) a set of genes that code for cell surface proteins essential for the acquired immune system to recognize foreign molecules in vertebrates, which in turn determines Histocompatibility
- ***Histocompatibility** – compatibility between the tissues of different individuals, so that one accepts a graft from the other without having an immune reaction
- ***Norepinephrine** – a hormone that is released by the adrenal medulla and by the sympathetic nerves and functions as a neurotransmitter. It is also used as a drug to raise blood pressure.

COMPREHENSION

1. What do we call the chemical messenger emitted from one organism that activates a physiological or behavioral response in another?
2. Can a man's testosterone possibly increase when he smells a shirt worn by an ovulating woman?
3. Major Histocompatibility Complex (*MHC*) molecules are part of what system?
4. In the coffee study, how did participants who held the hot coffee rate the hypothetical person?
5. What does your bloodstream flood with once attraction is confirmed?

The Science of Attraction

6. What do things like long lustrous hair and smooth scar free skin indicate and why would that be important?
7. Why would a woman be most attracted to a man with opposite Major Histocompatibility Complex (MHC) molecules?

LET'S TALK

1. Does this video change your definition on What love is? What relationships are? Or make you question if there really is such a thing as love or its really just biology?
2. What would you consider the most important sense in attraction and why?
3. So, how do you explain virtual romantic attraction to another person that you have never physically met, but only interacted with online?