

# **BIO3176 – Animal Behaviour Key Words Hormones**

Hormone  
Neural command centre  
Behavioural schedule  
Hormonal system  
Testosterone  
Segmented ganglia  
Role of brain  
Protocerebral ganglion  
Neural clusters  
Mantid reproduction  
Cricket calling behaviour  
Biological clock  
Behavioural cycle  
Free-running cycle  
Internal circadian rhythm  
Entrained behaviour  
Environment dependent factor  
Environment independent factor  
Daylength  
Behavioural dimorphism  
Diurnal behaviour  
Nocturnal behaviour  
Juvenile hormone  
Effect of light  
Optic lobe  
Sensory receptor  
Clock-setting  
Pacemaker clock mechanism  
Mammalian rhythms  
Suprachiasmatic nucleus (SCN)  
Hypothalamus  
Arrhythmia  
Genetic regulation of rhythm  
*Per* gene  
CKIε enzyme  
Base point mutation effects  
Hormonal messengers  
Melatonin  
Prokineticin 2 (PK2)  
Rats  
Naked mole rats

Circannual cycles  
Hibernation  
Seasons  
Golden-manteled ground squirrel  
Environmental influences  
Conditional foraging behaviour  
Moonlight  
Banner-tailed kangaroo rat  
Environmental cues  
White-crowned sparrow  
Photosensitivity  
Migration  
Testicle growth  
Breeding behaviour  
Rufous-winged sparrow  
Seasonal rains  
Physiological preparation  
Luteinizing hormone  
Testosterone  
Unpredictable environment  
Social environment  
Dominant male  
Subordinate male  
Mate preference  
Infanticide  
Day-length experiment  
Slow day  
Fast day  
Light-dark cycles  
Testosterone  
Progesterone  
Progesterone knock-out (PRKO)  
Intersexual hormone effects  
Multiple copulations  
Sperm competition  
Sex peptide  
Spermatophore  
Associated reproductive patterns  
Optimal conditions  
Mating seasons  
Role of testosterone  
White-crowned sparrow  
Multiple broods  
Courtship behaviour  
Advantages of testosterone  
Disadvantages of testosterone

Immune system suppression  
Fitness effects of testosterone  
Lizard colour  
Red-sided garter snake  
Hibernaculum  
Springtime mating orgy  
Disassociated mating pattern  
Pineal gland  
Sperm production  
Neural priming  
Castration