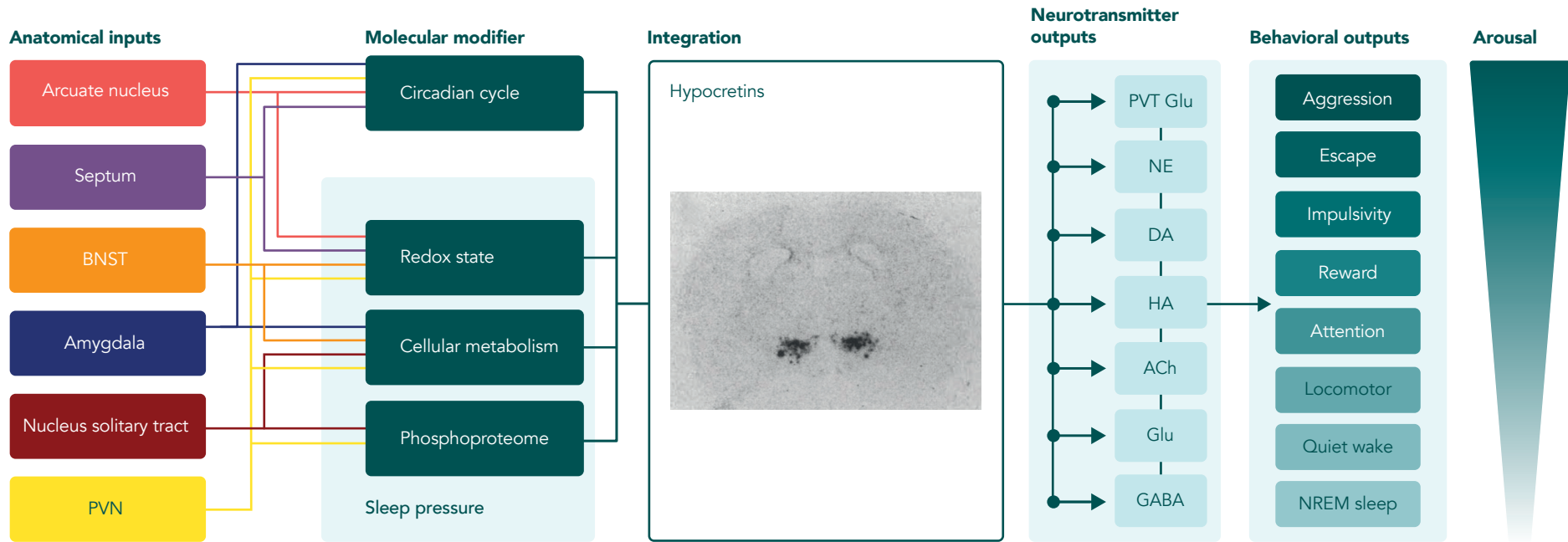


Twenty-three years of hypocretins



BNST- Bed nucleus of stria terminals, PVN- Paraventricular nucleus of hypothalamus, PVT- Paraventricular thalamus, Glu- Glutamate, NE- Norepinephrine, DA- Dopamine, HA- Histamine, ACh- Acetylcholine, GABA - Gamma-aminobutyric acid

Key point: Hypocretin/orexin cells are key integrators of variables that affect sleep-wake transitions and modulate dozens of outputs including monoaminergic neurons to generate a heightened state of alertness.

DE LECEA, L., TWENTY THREE YEARS OF HYPOCRETINS: THE "ROSETTA STONE" OF SLEEP/AROUSAL CIRCUITS; in FNN VOLUME 45. DOI: 10.1159/000514961