



Figure 2: Diagram showing the expression of appetite reflected in the relationship between the three levels of operation: (i) domain of psychological events and behaviour, (ii) domain of peripheral physiology and metabolism and (iii) domain of neurochemistry and metabolic interactions within the CNS. (AA, amino acid; CART, cocaine and amphetamine regulated transcript; CCK, cholecystokinin; CRF, corticotrophin-releasing factor; FFA, free fatty acids; GI, gastro-intestinal; GLP-1, glucagon-like peptide-1; GRP, gastrin-releasing peptide; LNAA, large neutral amino acids; NPY, neuropeptide Y; NST, nucleus of the solitary tract; T, tryptophan; 5-HT, serotonin). Source: Halford and Blundell, 2000