FIG. 1

IgE C3C4 interaction with FCER1

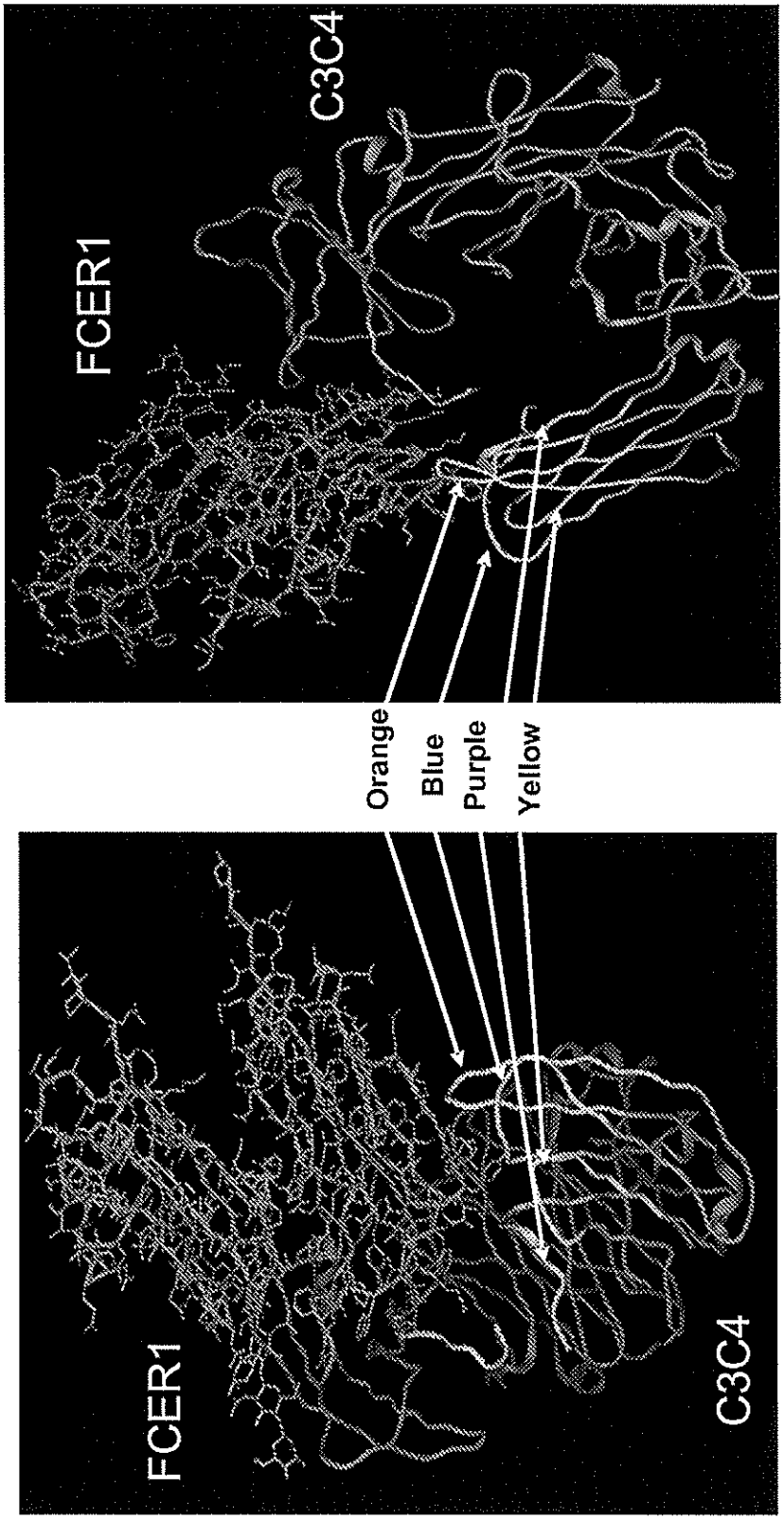
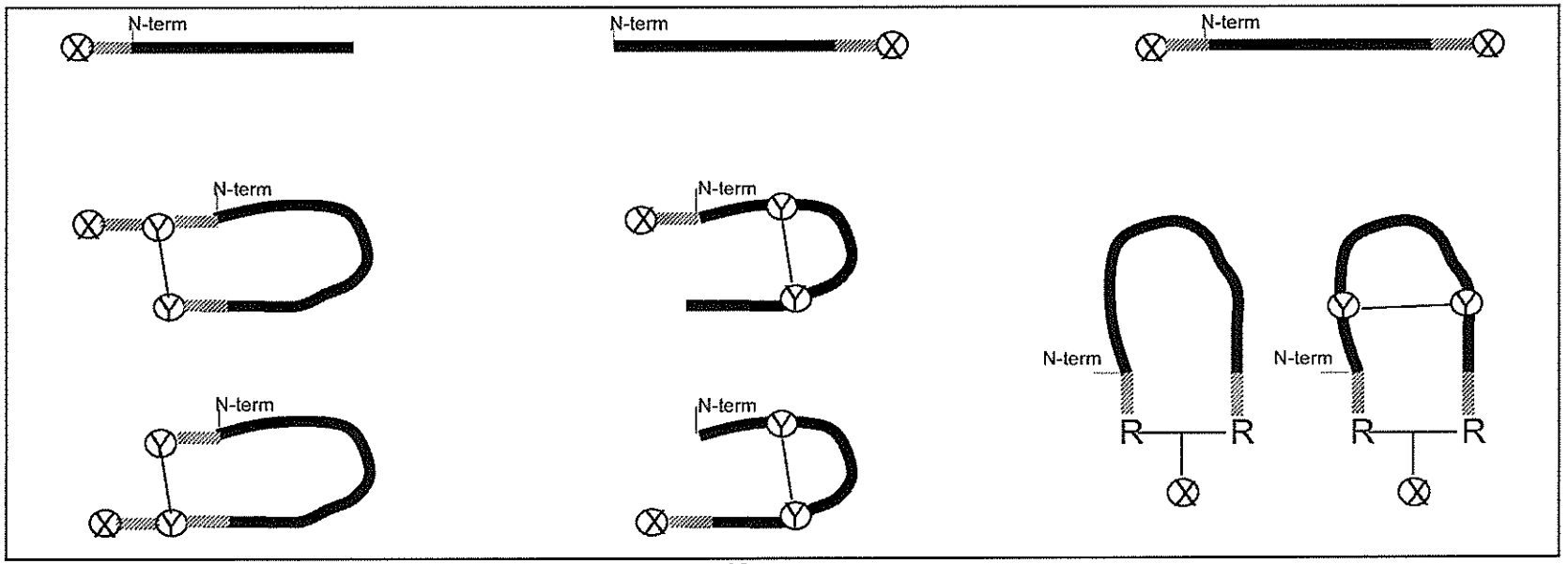


FIG. 2

Graphic depictions of peptide formats for inducing antibody responses to structurally defined epitopes of human IgE that can block binding to the high affinity IgE receptor. See separate lists for details of potential peptide epitopes, linkers, couplers, cross-linkers etc that may be used.



Key

= peptide epitope target sequence (5-20 aa's) – see table for specific peptides

⊗ = moiety for coupling to carrier protein (e.g. Cys, Lys, Glu etc)

= linker amino acids (0-6 aminoacids, examples GG, GGS, GGGGS etc

Ⓨ = moiety for reacting with crosslinking moiety or "stapler" (eg. Cys)

= moiety for linking or "stapling" the peptide to form a loop (eg. disulphide). Different length stapling entities can be used.

R—R = molecular "scaffold" for two point linkage of peptide to form loop, for single point coupling to carrier via ⊗. For example, trifunctional coupling reagents may be used.