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(54) **Title**: STRUCTURED PEPTIDE PROCESSING

(57) **Abstract**: The invention relates to a method for modifying one or more peptide ligands, comprising polypeptides covalently linked to a molecular scaffold at two or more amino acid residues, comprising the steps of providing one or more peptide ligands, wherein the polypeptide comprises two or more reactive groups which form a covalent linkage to the molecular scaffold, and at least one loop which comprises a sequence of two or more amino acids subtended between two of said reactive groups; exposing the peptide ligands to one or more proteases; and sorting the ligands according to the extent of proteolytic cleavage.