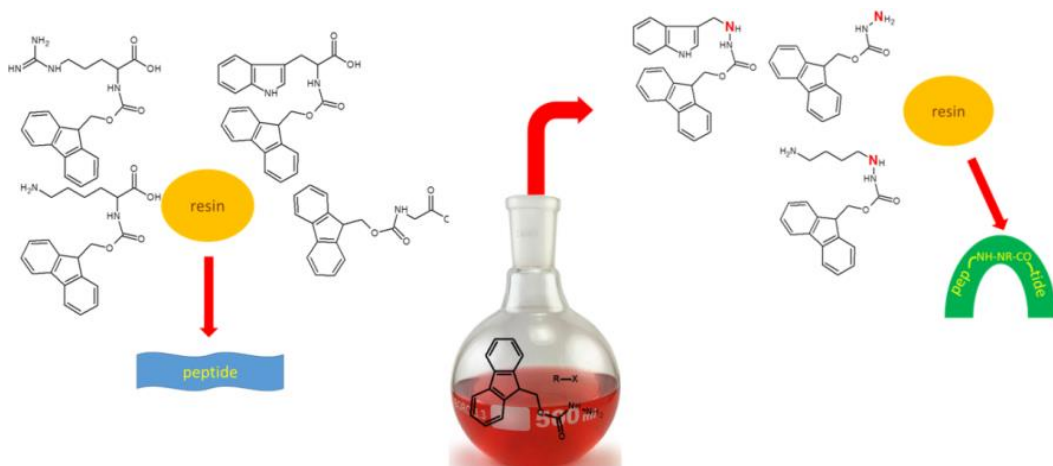


## Aza amino acid containing peptides; sythesis optimisation, biological evaluation

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**Synthesis / method / protocol:** Synthesis of azapeptides containing aza-glycine, -lysine, -arginine and -tryptophan by solid phase peptide synthesis using hydrazine derivatives. These derivatives planned to synthesise using reductive alkylation.

**Scientific Goal:** Studying the effect of aza-amino acid substitution on the stability, structure and activity (cellular-uptake, cytostatic activity) of biologically active peptides.

**Result:** Hydrazine derivatives for the synthesis of aza-lysine and -tryptophan was synthesised and chemically characterised. Peptides and conjugates are synthesised as control.