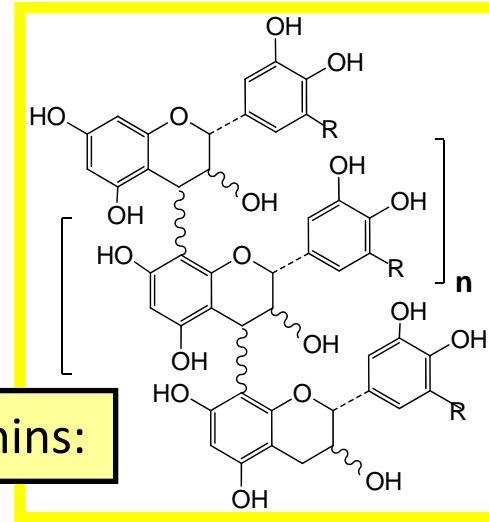


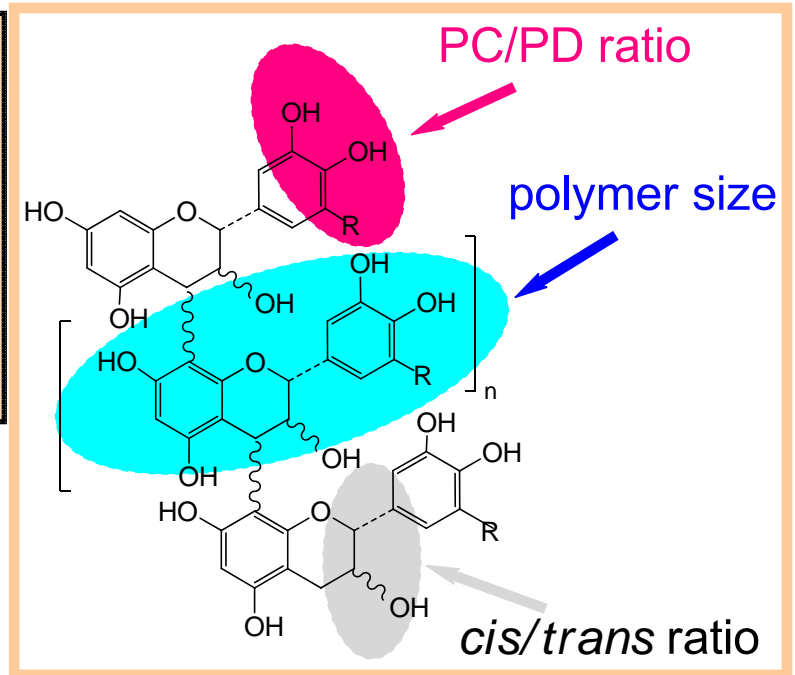
Tannins explained

General structure of sainfoin tannins:



Analysis by thiolytic degradation provides information on structural features of tannins:

- procyanidin/prodelphinidin (PC/PD) ratio
- polymer size (mean degree of polymerisation)
- stereochemistry from *cis/trans* ratio



Literature reference: Gea, A., Stringano, E., Brown, R.H., Mueller-Harvey, I. *In situ* analysis and structural elucidation of sainfoin (*Onobrychis viciifolia*) tannins for high throughput germplasm screening. *J. Agric. Food Chem.* 2011, 59, 495-503.