Future research initiatives

- Mechanistic evaluations of isolated compounds in kidney cells need to be performed
- Active fraction can be explored in other antiurolithiatic models for establishing efficacy in urolithiasis
- Isolation and characterization of more mid polar, non polar compounds using preparative HPLC on reverse phase column
- Active fraction can also be considered for anticancer and anti-inflammatory activity because of presence of lupeol and flavonoids
- Further study to utilize the active fraction of plant in formulation for urolithiasis
- Formulation using lupeol, gallic acid, quercetin and chlorogenic acid need to be developed for urolithiasis