Evaluation of bioactive potentialities of some members of Leguminosae:

A. Evaluation of bioactive potentiality (antifungal/antibacterial) of few members of Leguminosae
   
   - Experimentals
   - Results and Discussion

B. Brine shrimp cytotoxicity analysis

   - Experimentals
   - Results and Discussion

C. Column chromatographic separation of bioactive 50% aqueous ethanolic extract of *Clitoria ternatea* L.

   - Experimentals
   - Results and Discussion
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Purification and identification of the antifungal principle isolated from
*Clitoria ternatea* L. plant
- Experimentals
- Results and Discussion

9. CHAPTER 3: 74

In vitro analysis of antifungal effect of 3,7-dihydroxy 3’,4’
orthodihydroxy flavone in relation to some morphological, physiological
and metabolic parameters of *Pisum sativum* L. seeds
- Experimentals:
- Results and Discussion

10. CHAPTER 4: 135

Analysis of antifungal effect of the 3,7-dihydroxy 3’,4’ orthodihydroxy
flavone In relation to some morphological, physiological and metabolic
parameters of *Pisum sativum* L. plants infested with *Fusarium
oxysporum ciceri*

1. Experimentals:

A. Study of various morphological, physiological and metabolic parameters
of plants in vegetative phase (21st day):

B. Study of various morphological, physiological and metabolic
parameters of plants in reproductive phase:
1. Early flowering stage (42\textsuperscript{nd} day):

2. Late flowering stage (63\textsuperscript{rd} days):

2. Results and Discussion

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