

CHAPTER VI

SUMMARY AND CONCLUSION

The present study are summarized herewith

1. *Gymnema indorum* (GI) may have potential use for suppressing glucose absorption in diabetes mellitus.
2. There is no apparent acute toxicity on liver after drinking GI tea for a short period of time.
3. GI leaf extract cannot stimulate insulin secretion from rat insulinoma cell culture.
4. GI leaf extract has no property of alpha glucosidase inhibitor.
5. The mechanism of hypoglycemic effect of GI extract is needed in further study
6. There is no association between the -374 T/A polymorphism and diabetic complication.
7. There is no association between the -429 T/C polymorphism and diabetic complication.