CHAPTER 40

PHARMACY AND PHARMACOLOGY

Doctoral Theses

450. AGNIHOTRI (Supriya)
Phytochemical Evaluation and Pharmacological Screening of Some Herbs for Anti-Inflammatory and other Activities.
Supervisor : Dr. Sharad Wakode.
Th 18957

Abstract

The present study pertains to detailed pharmacognostic and phytochemical investigation of anti-inflammatory herbal drugs namely: Myrica esculenta (stem bark), Zanthoxylum armatum (bark), Amomum subulatum (fruit), Valeriana jatamansi (whole plant) and adhatoda vasica (leaf and root) which are used to treat and prevent several pathological diseases in Ayurvedic medicines.

Contents

451. SARITA (Saraswati)
In Vitro and Vivo Evaluation of Anti-Cancer and Anti-Angiogenic Potential of Some Indian Medicinal Plants.
Supervisors : Prof. S. S. Agrawal and Dr. Rajani Mathur
Th 18956

Abstract

This study explore the molecular basis of anti-angiogenic and anti-cancer potential of a few plant derived molecules in various vitro and in vivo models by screening the anti-proliferative effect and the VEGF-blockade potential of the identified plant derived molecules against MCF-7 cell line using MTT assay.

Further it studied the anti-tumour effect of the identified plant derived molecules against Enrlich ascites and Ehrlich solid tumour bearing mice.

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