

Medical Botany

Concepts and Principles of the Use of Plants in Medicine

Know the Following Material to Know for the Final Exam

An overview of some medicinal plants

- What is Taxol: What is it used for and from which plant does it come?
- What is opium and what medicinal chemicals are extracted from it and how are they used?
- What is Peruvian bark and what medicinally active phytochemical is extracted from it and what is it used for?
- What is plantain and what are some herbal remedies that use it?
- What is

Why should plants contain chemicals with medical significance?

- Many plant medicines are plant secondary metabolites.
- What are secondary metabolites?
- What does the plant use secondary metabolites for?
- What is the medical concept of the “Therapeutic Window”? Why is this important in medicine? Are narrow or broad such Windows more useful?

Name and describe approaches to finding plant medicines?

- Blind Approach
- Ethnobotanical Approach
- Systematics Approach