

SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES



Affiliated To The Tamil Nadu Dr. MGR Medical University, Chennai
Approved by Pharmacy Council of India, New Delhi.
Coimbatore -641035

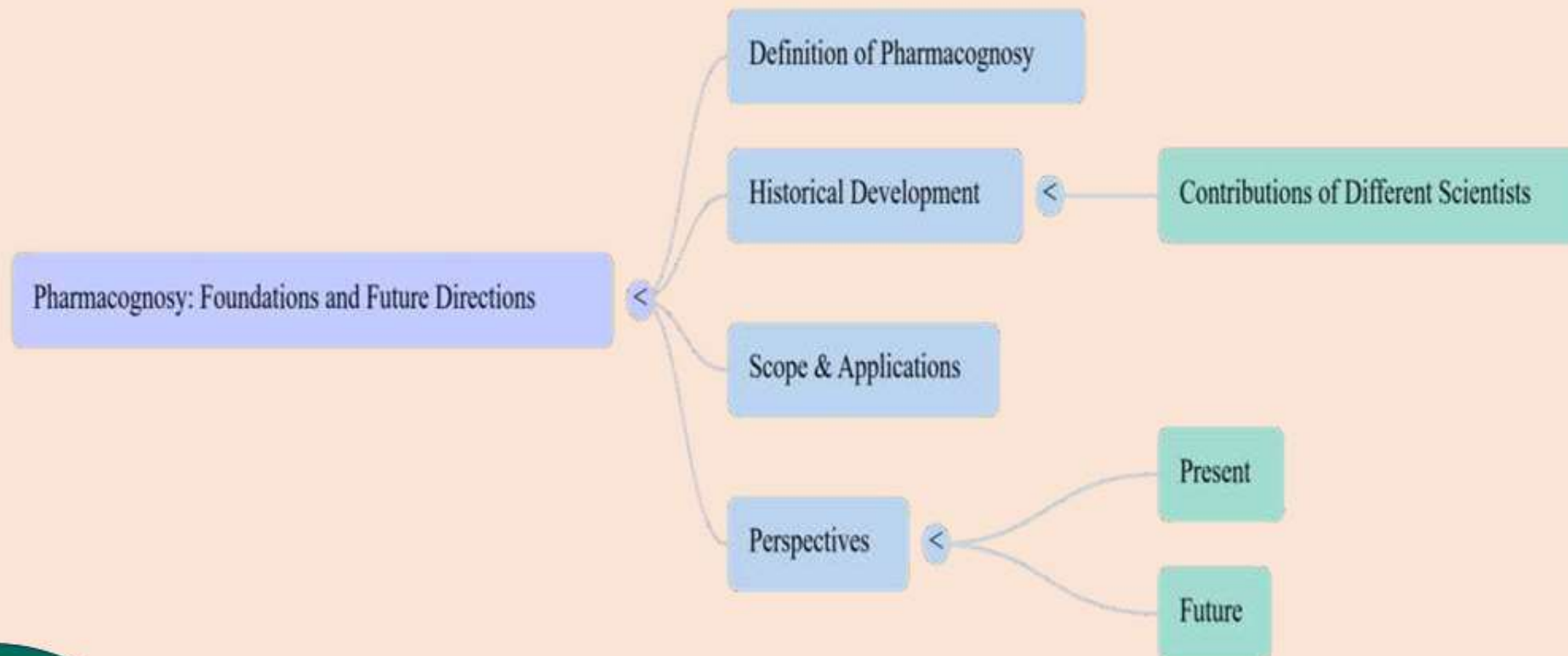
COURSE NAME : PHARMACOGNOSY

D.PHARM/ I YEAR

TOPIC 1 : HISTORY AND SCOPE OF PHARMACOGNOSY

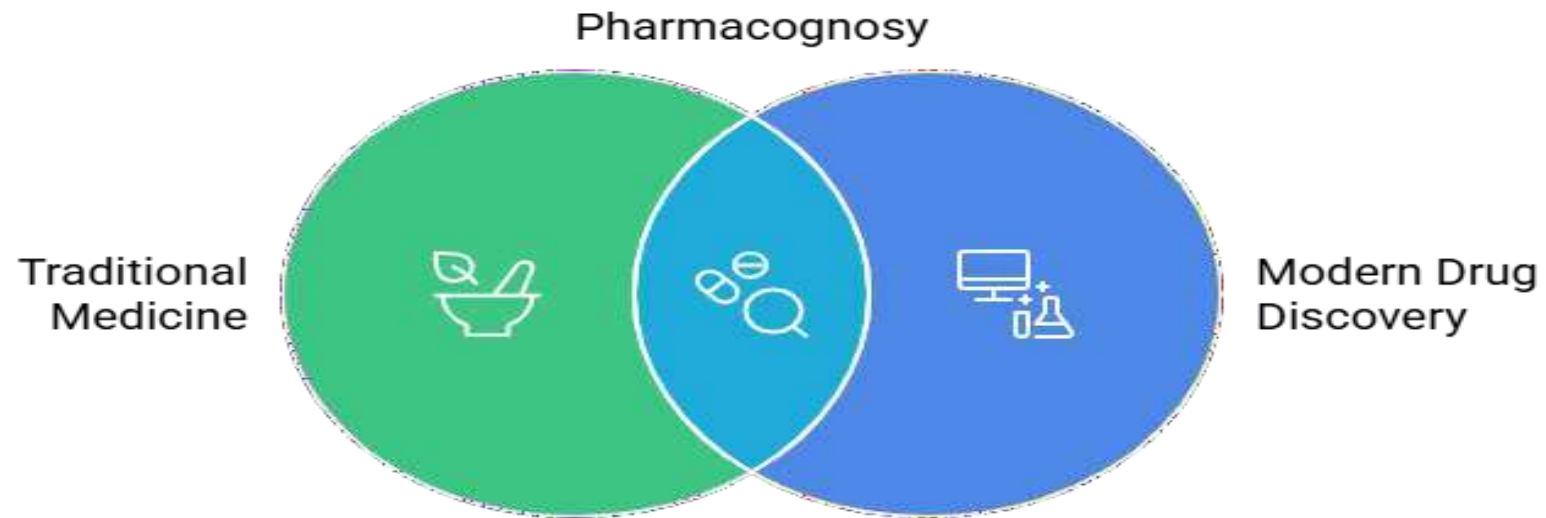
MINDMAP

SCOPE AND PRESENT STATUS OF PHARMACOGNOSY



INTRODUCTION

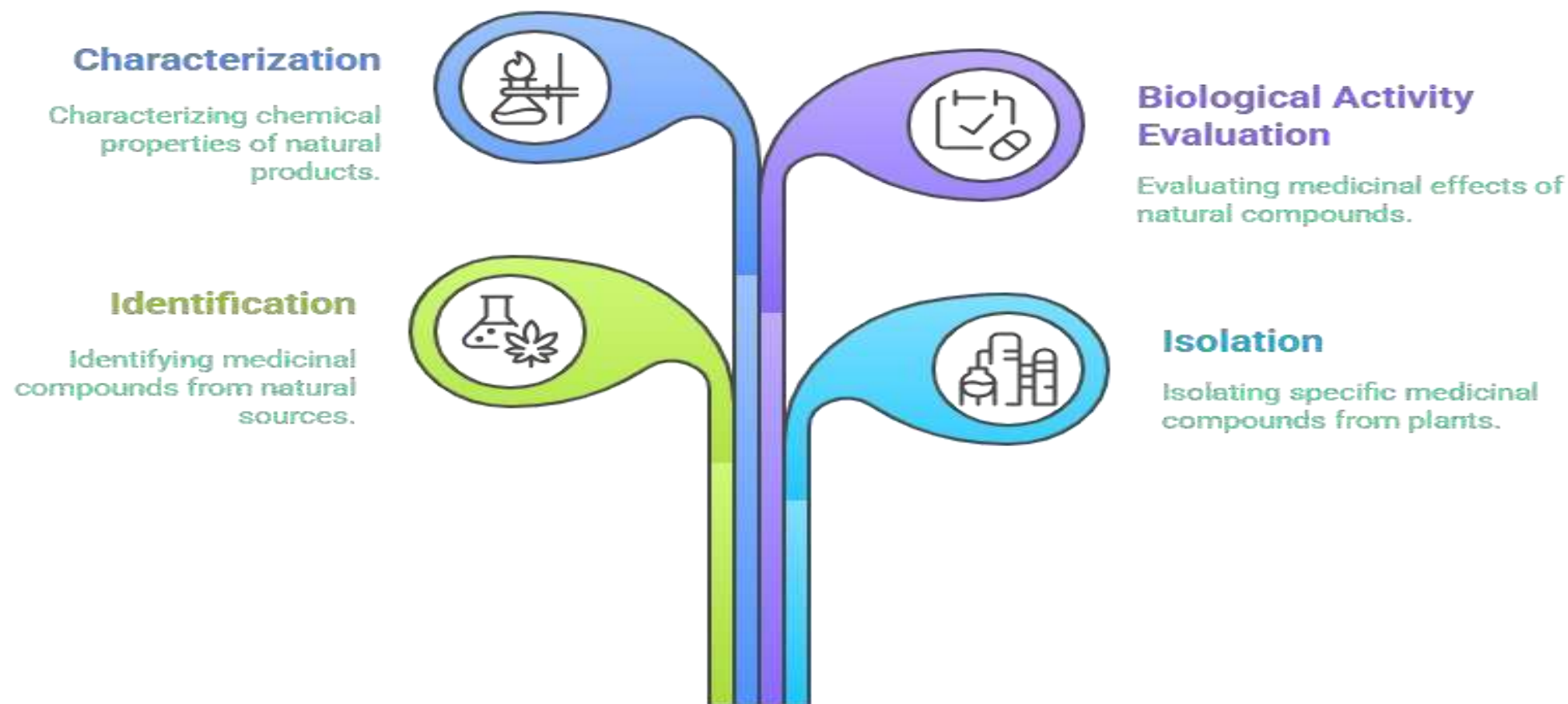
Where Traditional Knowledge Meets Modern Science



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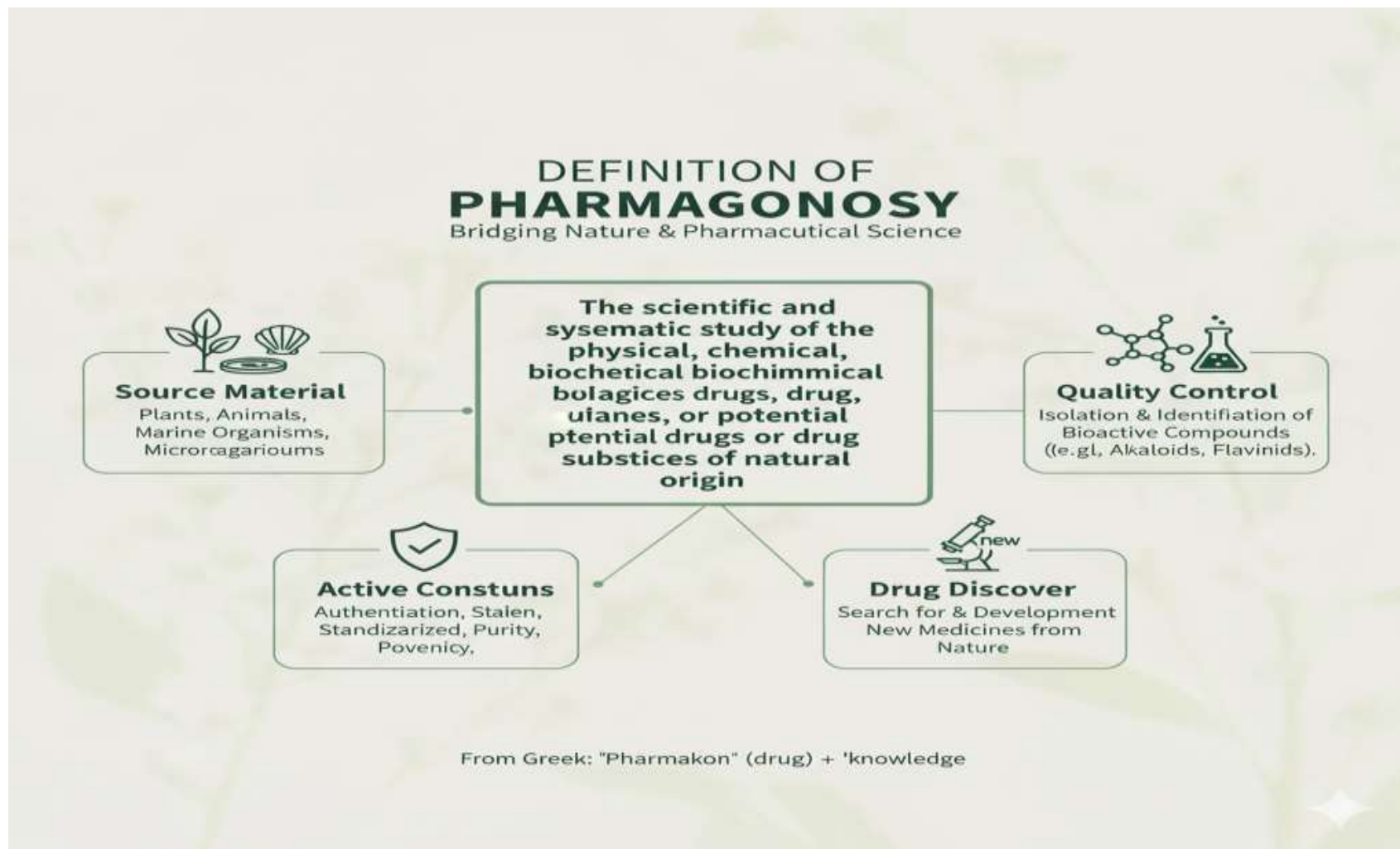
DIMENSIONS OF PHARMACOGNOSY

Unveiling the Dimensions of Pharmacognosy



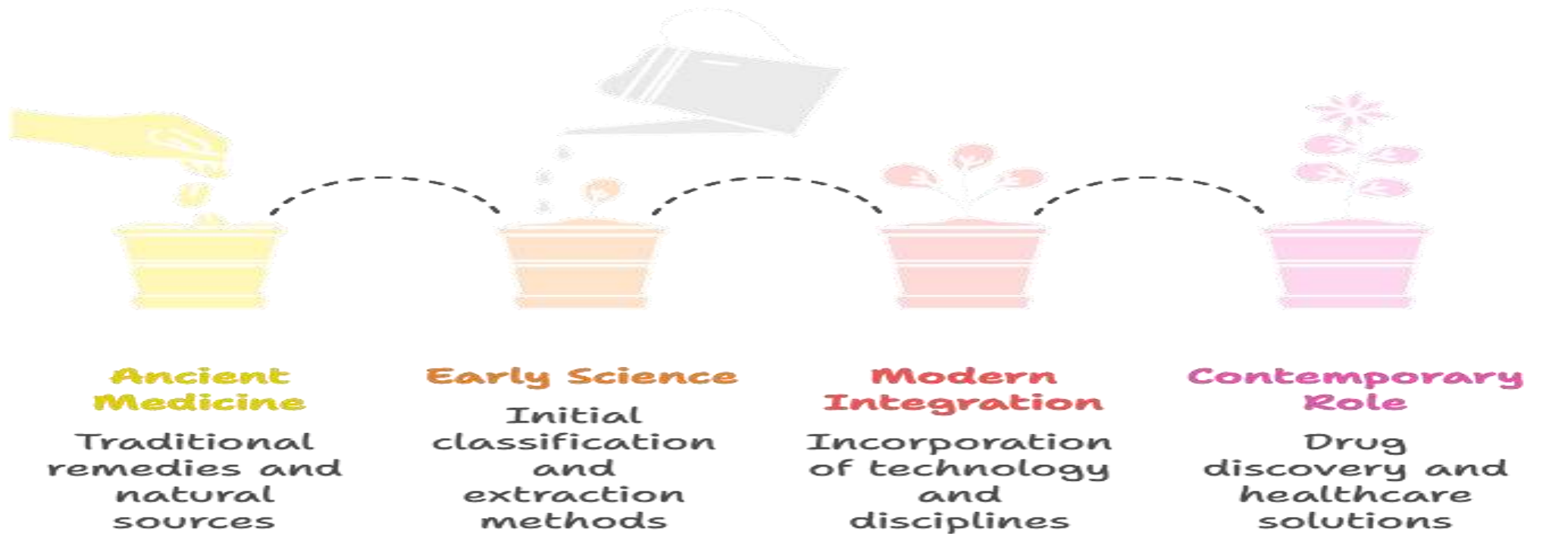
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DEFINITION



EVOLUTION

Evolution of Pharmacognosy



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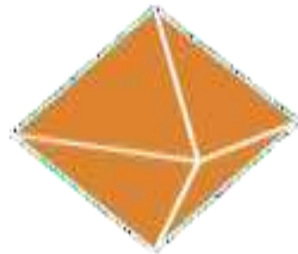
HISTORY

Evolution of Pharmacognosy



Ancient Practices

Traditional use of medicinal plants



Early Documentation

Recording knowledge of medicinal plants



Medieval Contributions

Building on ancient knowledge



Modern Advancements

Scientific and technological progress



Contemporary Science

Advanced study of medicinal plants

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Ancient Medicinal Practices



Egypt

The Ebers Papyrus documents numerous medicinal plants and their uses.



China

Traditional Chinese Medicine emphasizes herbal remedies and acupuncture.

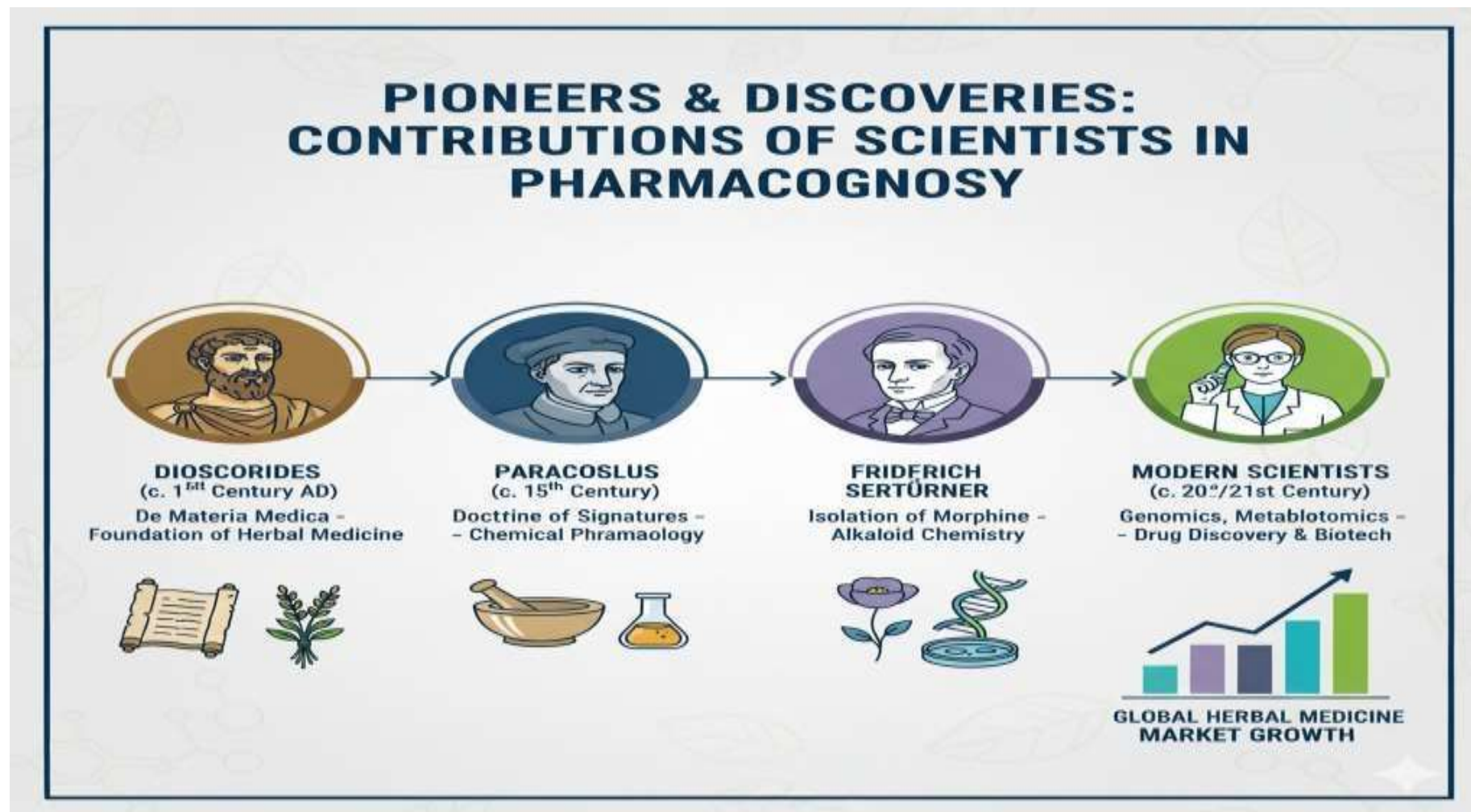


India

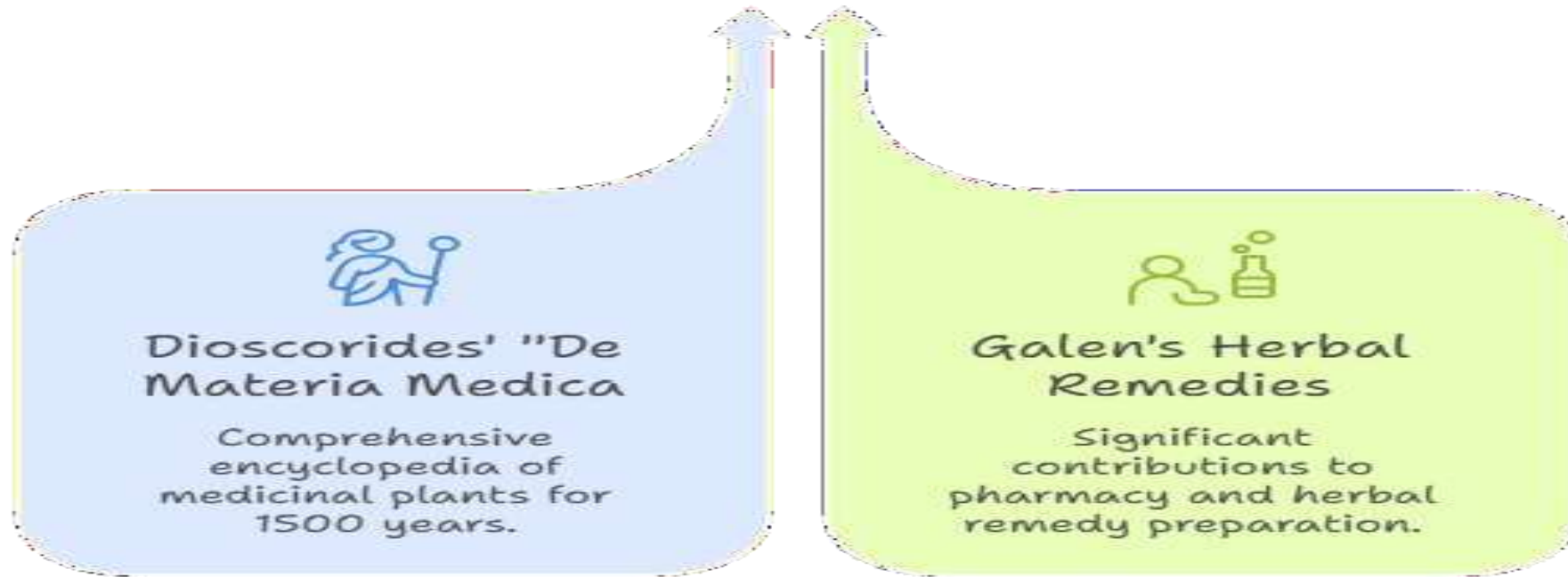
Ayurveda relies heavily on plant-based drugs for healing.

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CONTRIBUTIONS OF SCIENTISTS



Ancient Herbal Wisdom



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Journey Through Pharmacognosy



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RESEARCH AREAS

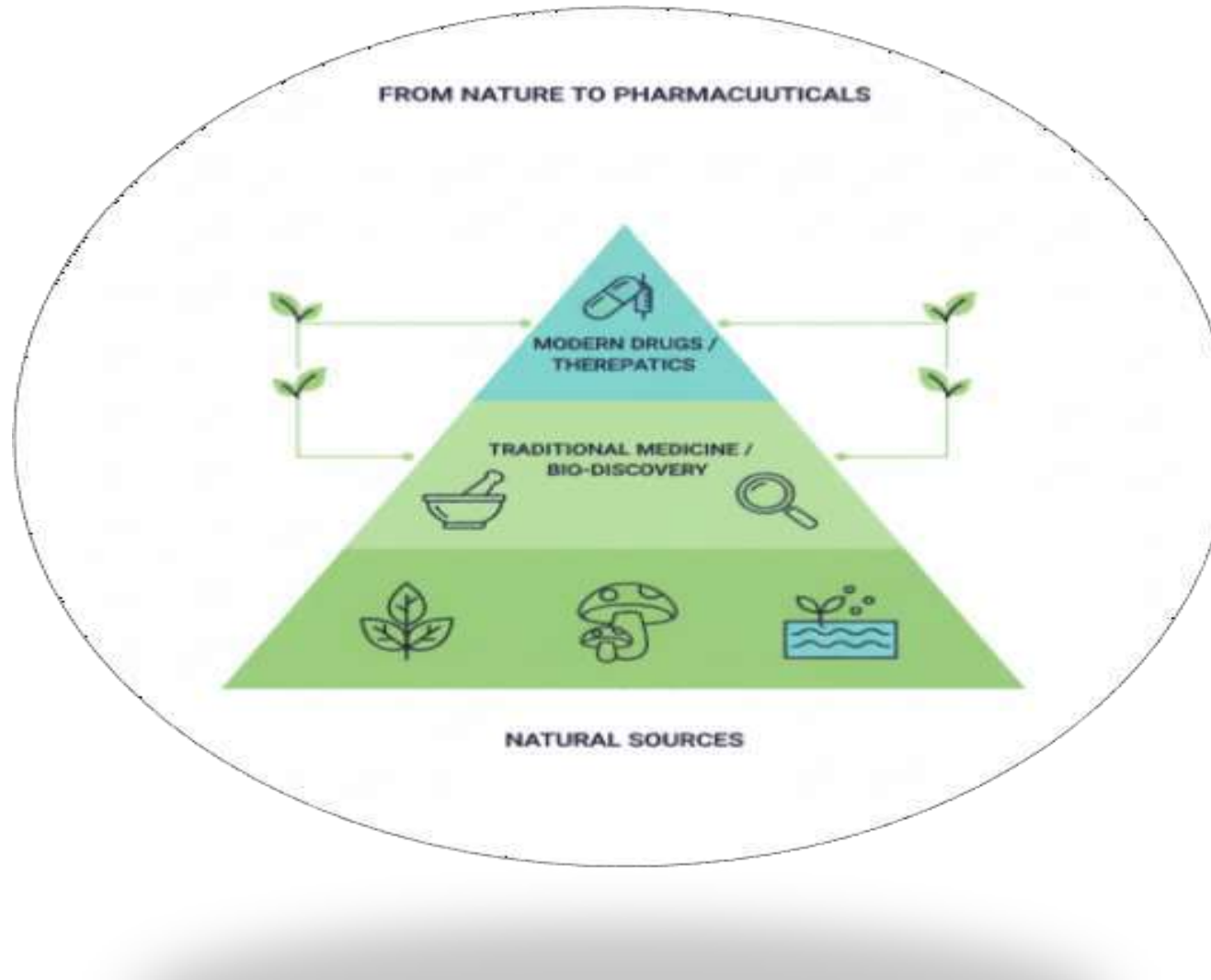
BITECH RESEARCH AREAS

RESEARCH AREA	EXAMPLES/APPLICATIONS
GENOMMICS & OMICS 	Personalized Medicine, Drug Discovery, Diagnostics
MICROBIAL BIOTECH 	Biofuels, Fermentation, Industrial Enzymes

RECENT INNOVATIONS



NATURALS-PHARMACEUTICALS



TECHNOLOGICAL ADVANCES



DNA SEQUENCING



PLANT CELL CULTURE

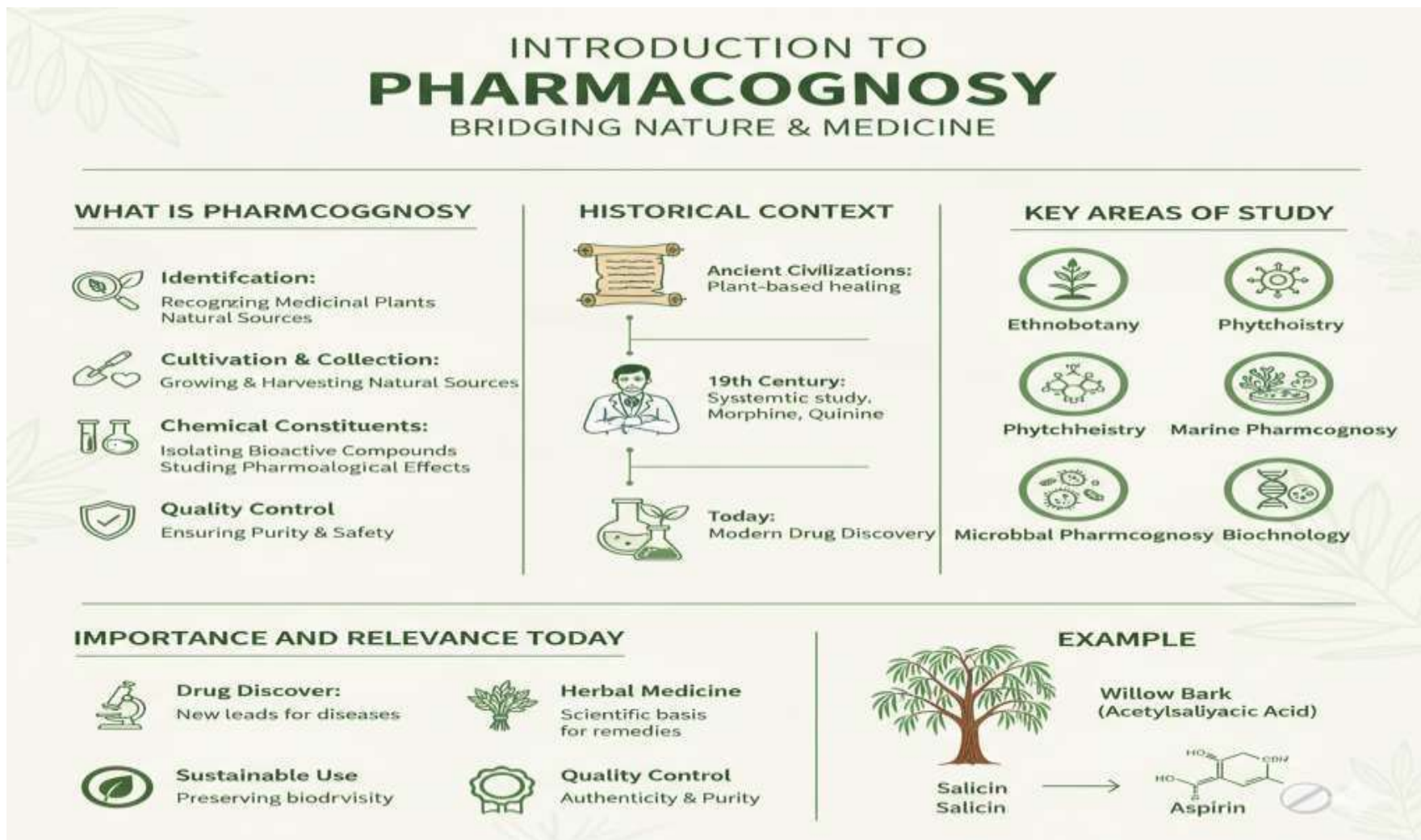


MICROBE RESEARCH

IMPORTANCE AND FUTURE



SUMMARY

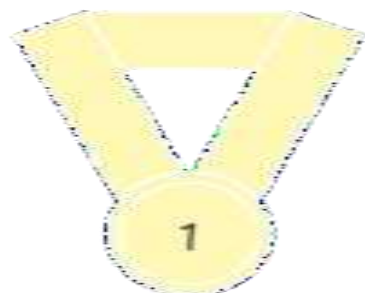


ASSESSMENTS

1. From Where The Ebers Papyrus (1550 BC) for example, describes numerous medicinal plants and their uses



Ancient Medicinal Practices



Egypt

The Ebers Papyrus documents numerous medicinal plants and their uses.



China

Traditional Chinese Medicine emphasizes herbal remedies and acupuncture.



India

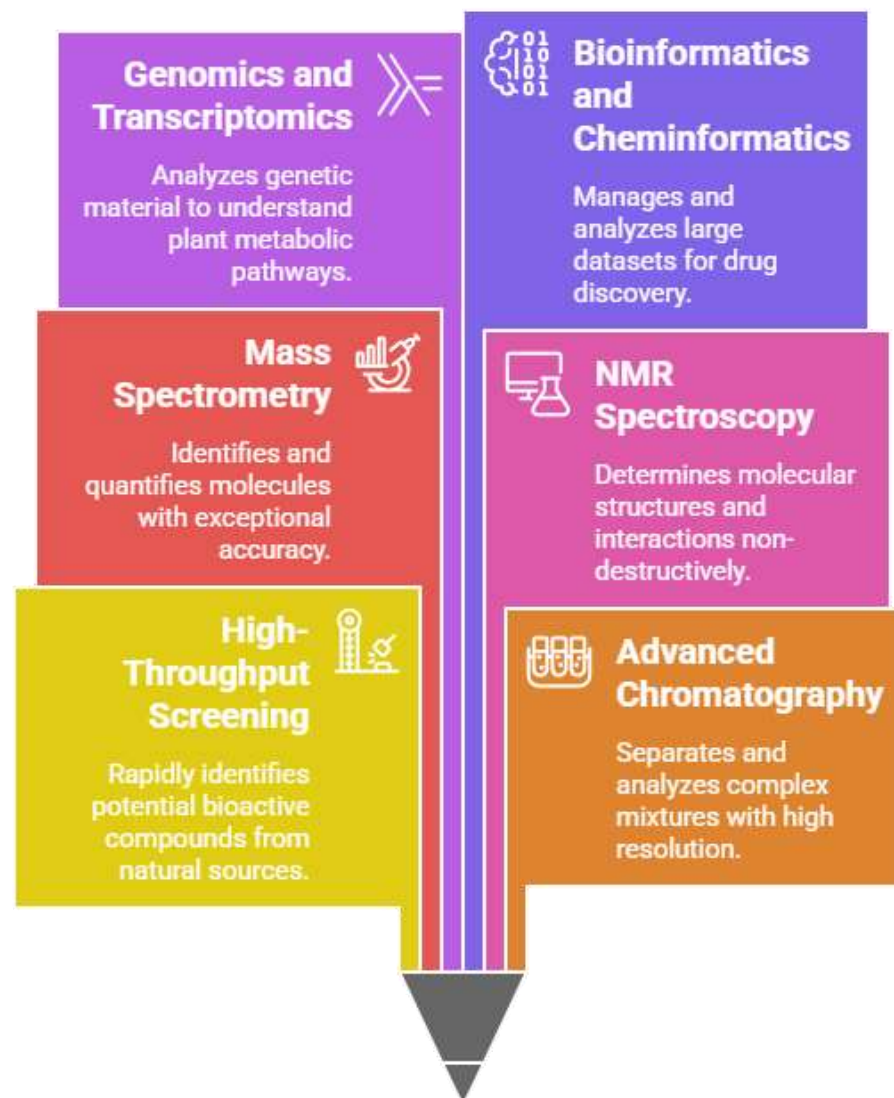
Ayurveda relies heavily on plant-based drugs for healing.

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2. Which modern technology is currently enhancing pharmacognosy research?

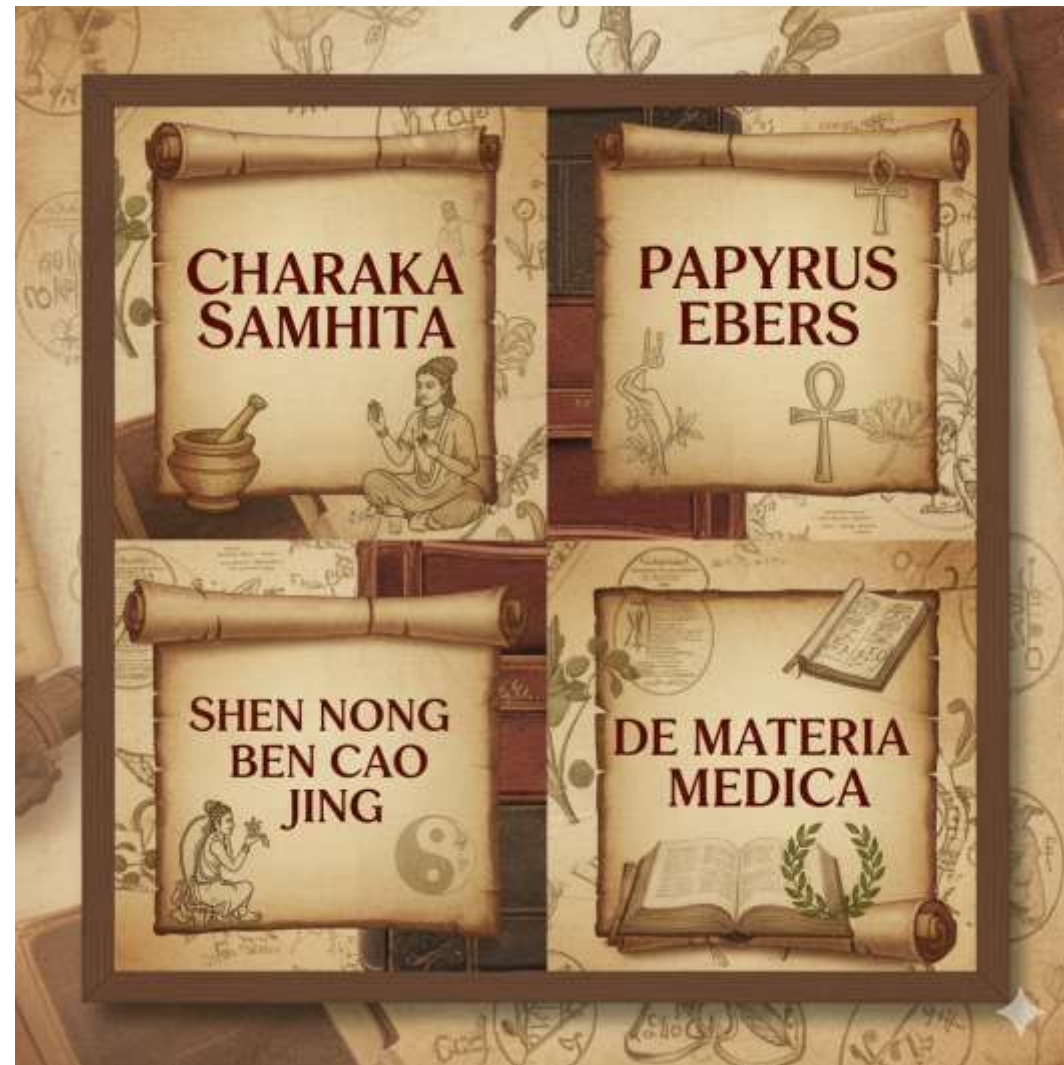


Technologies Transforming Pharmacognosy



3.Which ancient text is associated with the early use of medicinal plants in Egypt?





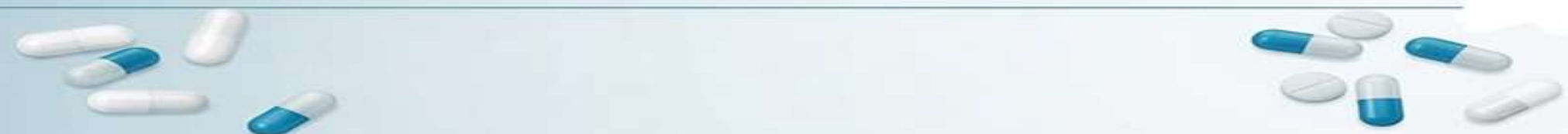
REFERENCES

Books:

1. Textbook of Pharmacognosy – C.K. Kokate, A.P. Purohit, S.B. Gokhale
2. Trease and Evans Pharmacognosy – W.C. Evans
3. Pharmacognosy – Varro E. Tyler, Lynn R. Brady, James E. Robbers
4. Textbook of Pharmacognosy and Phytochemistry – Biren Shah, Avinash Seth
5. Practical Pharmacognosy – C.K. Kokate

Websites:

1. World Health Organization (WHO) – Traditional Medicine
2. National Center for Complementary and Integrative Health (NCCIH)
3. Pharmacognosy Reviews (phcogrev.com)
4. ScienceDirect – Pharmacognosy Topics
5. ResearchGate – Pharmacognosy Publications



Thank You

