



Exploration of Simulation Teaching Mode of Pharmacology Experiment Course of Chinese Medicine

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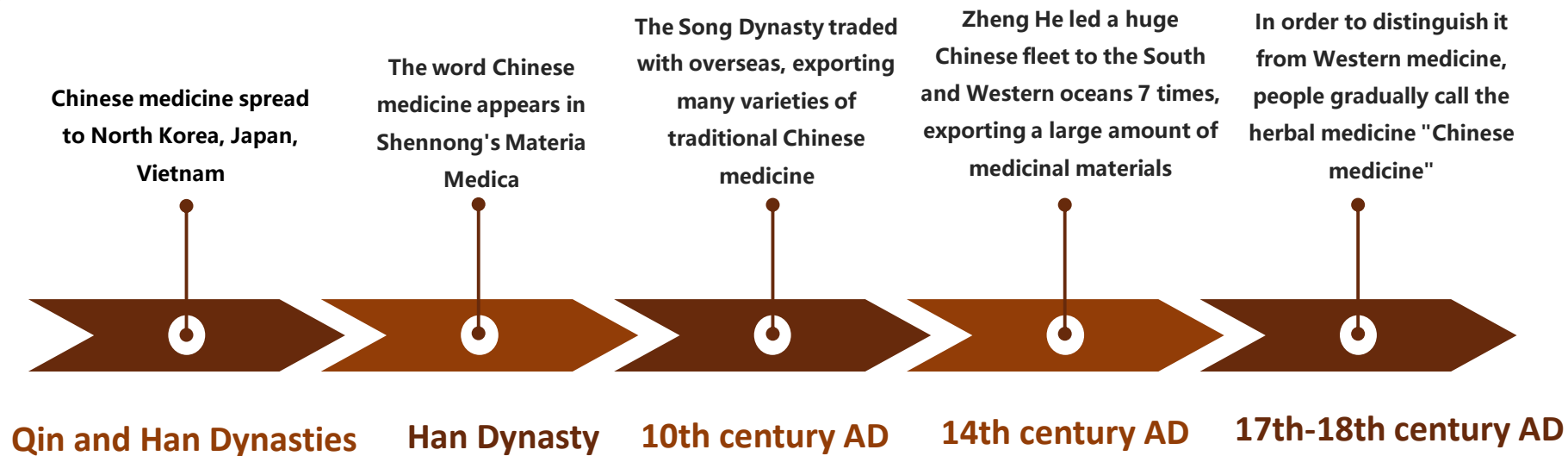


Part One

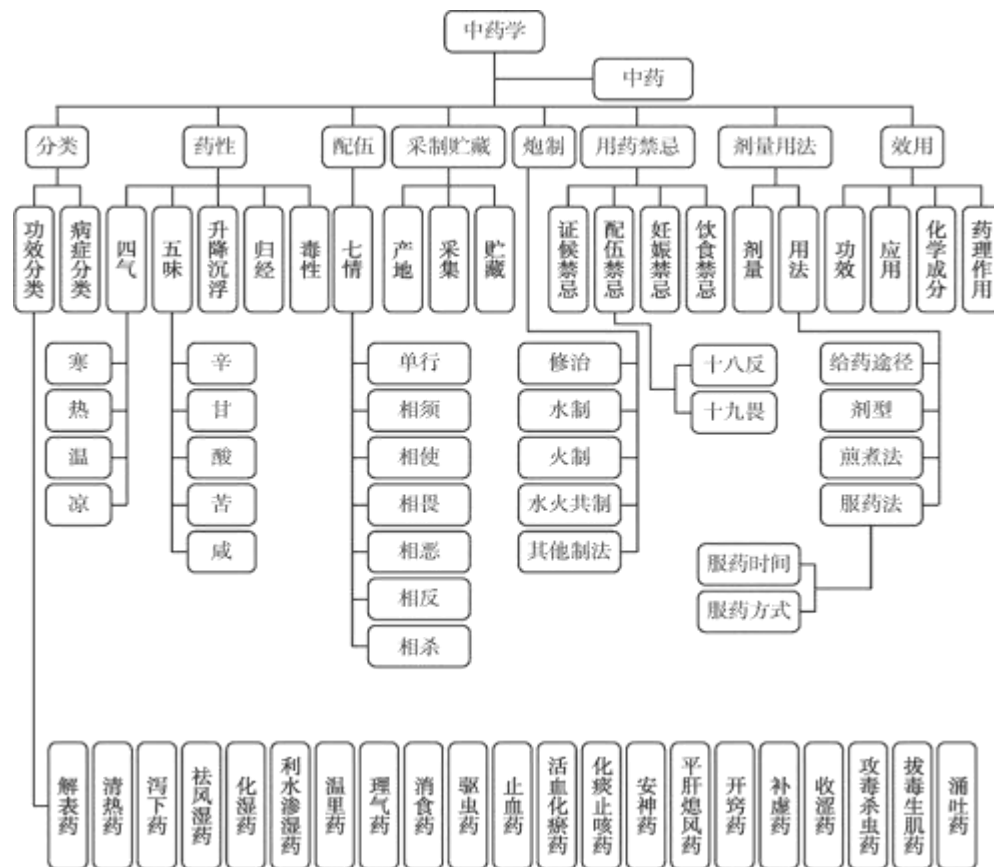
Introduction to the Function of Traditional Chinese Medicine



1.1 Traditional Chinese Medicine has a long history



1.2 The theory of Traditional Chinese Medicine is complicated

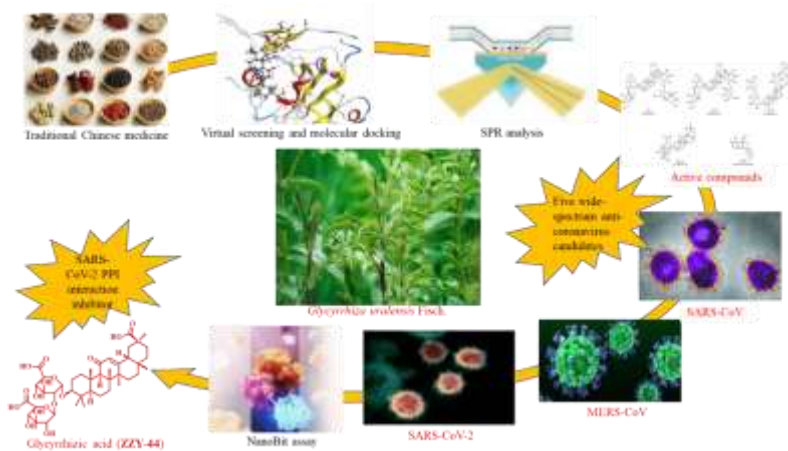


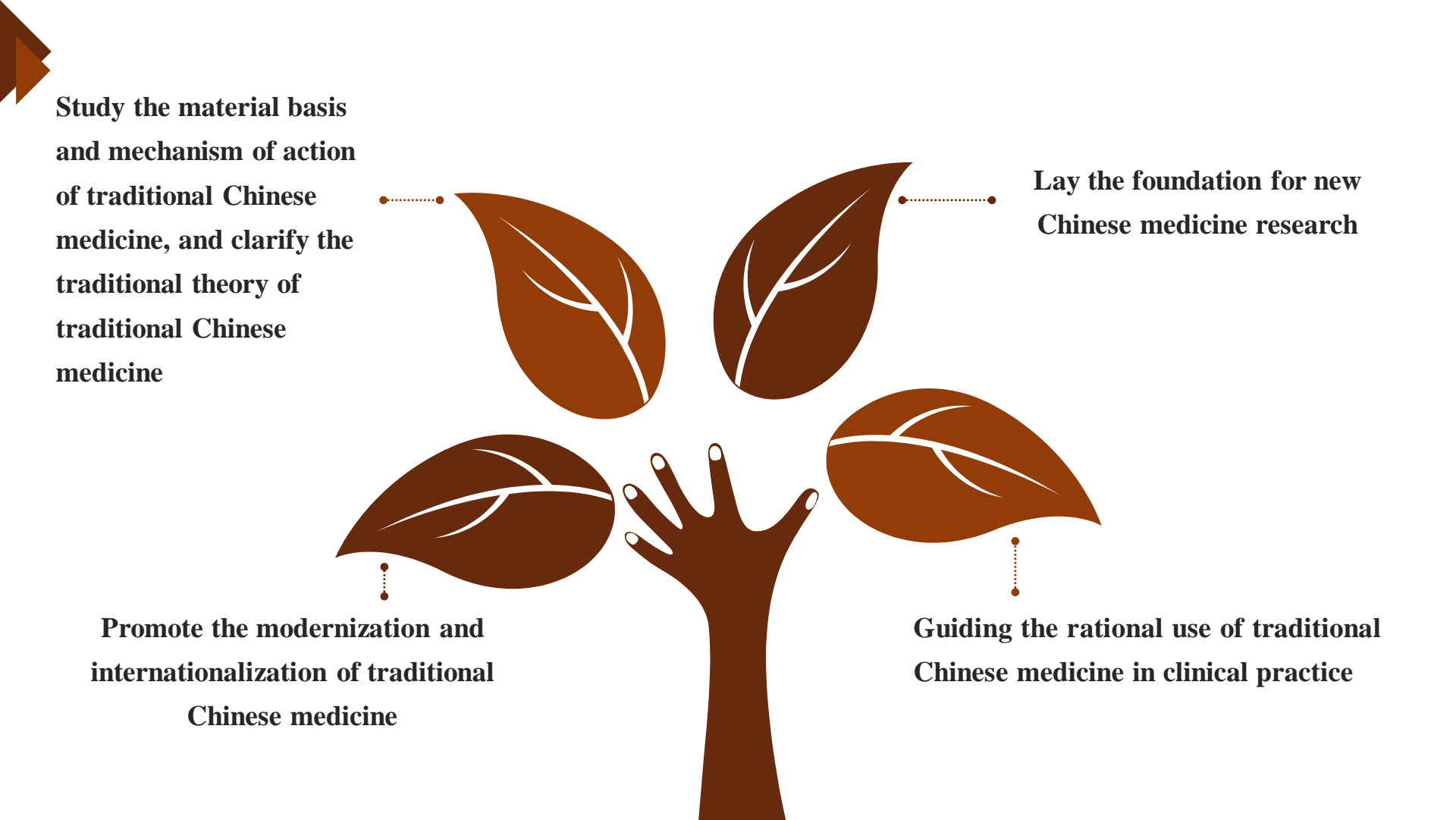
**Framework of the
theoretical system of
modern traditional
Chinese medicine**



Part Two

Introduction to Traditional Chinese Medicine Pharmacology





**Study the material basis
and mechanism of action
of traditional Chinese
medicine, and clarify the
traditional theory of
traditional Chinese
medicine**

**Lay the foundation for new
Chinese medicine research**

**Promote the modernization and
internationalization of traditional
Chinese medicine**

**Guiding the rational use of traditional
Chinese medicine in clinical practice**

Part Three

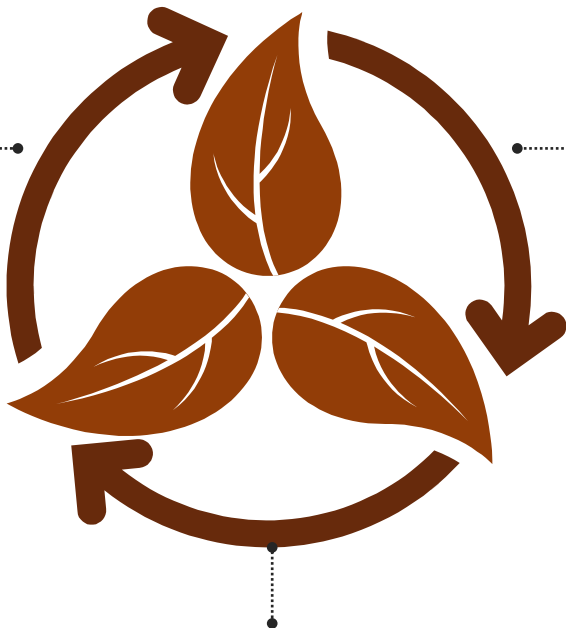
Traditional Chinese Medicine Pharmacology Experiment



1. Course opening

3 grades, 7 majors (4 majors have experimental courses)

Grade	Major	Class Hour
Junior	Chinese materia medica	64
Junior	Chinese materia medica Experimental Class	80
Junior	Chinese Medicine Resource Science	64
Sophomore	Chinese pharmaceutical manufacturing	64
Junior	Pharmacy	32
Junior	Chinese Integrative Medicine	32
Senior	Traditional Chinese Medicine	32



2. The purpose of the experiment.

- * Allow students to better understand what they are learning in the classroom during the process of doing experiments
- * Master some basic skills that must be mastered in the process of pharmacology experiments
- * Cultivate students' innovation and practical ability

3. Problems existing in the experimental class

- *Declining interest in experimental learning and inquiry
- *There are relatively few opportunities for students to operate experiments
- *Poor hands-on ability of students is also not conducive to carrying out comprehensive design experiments
- *Limited instruments and limited hours cannot complete more experiments



Part Four

Exploring the Reform of Experimental Courses



4.1 The reform method of the traditional Chinese medicine pharmacology experiment course in our school



1. Laboratory Practice

Through hands-on operation in the laboratory, students master the skills of classical pharmacological experiments and verify the pharmacological effects of representative Chinese medicines.



2. Multimedia Presentation

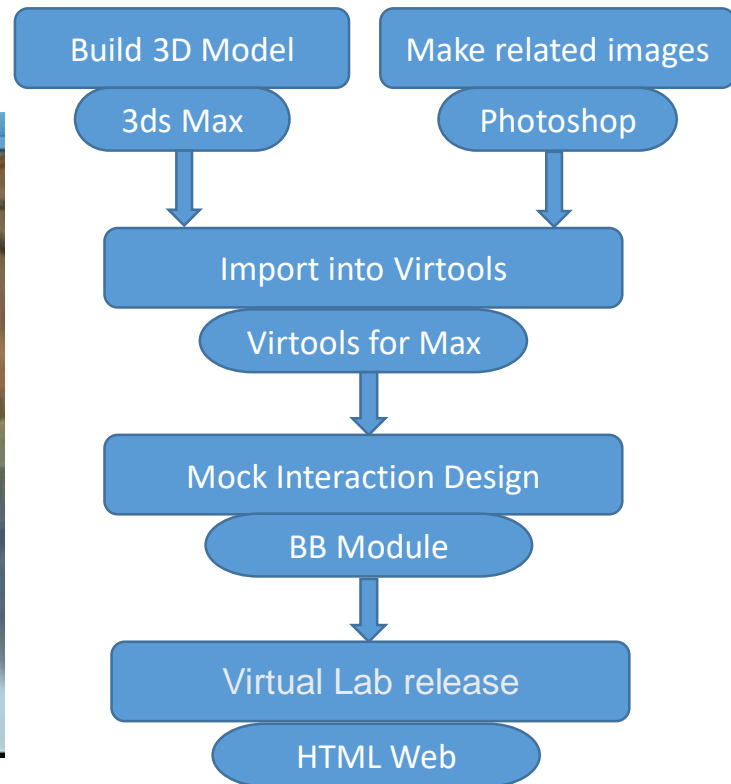
Through the learning of online video resources, students can learn more about the experimental content of traditional Chinese medicine pharmacology and the projects that cannot be practically operated due to the limitation of instruments.



3. Virtual Simulation Teaching

Improve students' interest in learning, reduce equipment capital investment, solve the problem of time and space constraints in traditional experimental courses, and students can learn independently according to their own conditions.

4.2 Demonstration of virtual simulation teaching platform



The process of creating virtual simulation experiments

Part Five

Future Outlook





**Make better
multimedia videos**



**Increase the
proportion of
designed experiments
and cultivate
students' scientific
thinking**



**Increase the software
development of the
virtual teaching
platform, and carry
out more operation of
the experimental
content**



**Enhance students'
interest in learning
and hands-on
ability**



**Establish a
comprehensive
evaluation system to
reasonably evaluate
the results of practical
teaching and virtual
teaching**



Future Prospects of Experimental Course Reform



Thank you!

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