



Study examines which herbs can best counteract king cobra venom

Description

In 2012, the *Drug Discoveries & Therapeutics* journal published [a study](#) evaluating the efficacy of herbs for treating snake bites.

With all the [breaking news](#) about snake venom and the Wuhan coronavirus (Covid-19), the study's findings are highly relevant at the current time.

Researchers looked at *Curcuma antinaia* and *Curcuma contravenenum*, two forms of curcumin, *Andrographis paniculata* (green chiretta), and *Tanacetum parthenium* (feverfew), which they tested and prepared as a formulation against *Ophiophagus hannah* (king cobra) venom intoxication.

They then tested this isolated rat phrenic nerve-hemidiaphragm preparation *in vitro*, revealing its ability to inhibit neuromuscular transmission of the venom. These herbal agents effectively reversed the venom-induced inhibition of muscle contraction.

"A labdane trialdehyde, isolated from *C. contravenenum*, was identified as the best antagonising agent in the low micromolar range," the study explains. "Tests on formulations of the most potent *C. contravenenum* extract showed, that the suppository with witepsol H15 was an effective medicine against *O. Hannah* venom."

"This study elucidated the active compounds, accounting for the antivenin activity of traditionally used herbs and suggested the most suitable formulation, which may help to develop potent medicines for the treatment of snake bite in the future."

Natural herbal extracts found to be more stable than synthesized versions

At least three different curcuma species (*C. zedoaroides*, *C. antinaia*, and *C. contravenenum*), along with two other traditional medicines (*A. paniculata* and *T. parthenium*) were confirmed through the research to treat and reverse the effects of king cobra snake venom.

“In addition to the labdane dialdehyde, which was discovered in *C. zedoaroides* in our previous study, labdane lactone and labdane trialdehyde, isolated from curcuma species *C. antinaia* and *C. contravenenum* were found effective now against the venom,” the study further reveals.

“Labdane trialdehyde is the best anti-neurotoxic agent known to date.”

One of the problems with *isolated* labdane trialdehyde, however, is that it is unstable. The *natural* version made from plant extract, on the other hand, was found to leave this substance along with labdane dialdehyde stable and efficacious.

In high doses, feverfew extract can be used as a snake venom intoxication remedy, though the only truly efficient formulation is a suppository. Freshly grinded root of rhizome is another powerful preparation.

“These results provided evidences about the usefulness of some traditional medicines as antidotes and gave clues on the drug development in the future,” the study concludes.

“Further studies are ongoing to replace the *in vitro* antivenin assay, used in this study, by an *in vitro* method, in which chicken intestine is used and not laboratory animal tissue.”

Green chiretta, by the way, was [successfully used](#) in Thailand to treat the Fauci Flu.

Instead of forcing its people to take deadly drugs like remdesivir and go on a ventilator like how the United States has been doing it, the Thai government granted approval for *Andrographis paniculate* to be used as a remedy for the disease.

“I am reading that pharmaceutical-grade methylene blue is effective against covid as well as other bugs such as malaria,” wrote a commenter at *Natural News*.

“The ‘uncivilized’ third world is saving the lives of their citizens by embracing herbal medicine, supplements, and great pharmaceuticals like hydroxychloroquine and ivermectin, while the ‘civilized’ first world simply murders their citizens with the help of Facebook, Twitter, the CDC, and the FDA,” wrote another.

Someone else said that he or she has been taking green chiretta twice daily and no longer gets sick with *anything*.

“Andrographis has a very good safety record and it flat-out works,” this person further wrote.

Sources for this article include:

[ResearchGate.net](#)

[NaturalNews.com](#)

[NaturalNews.com](#)

by: Ethan Huff

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