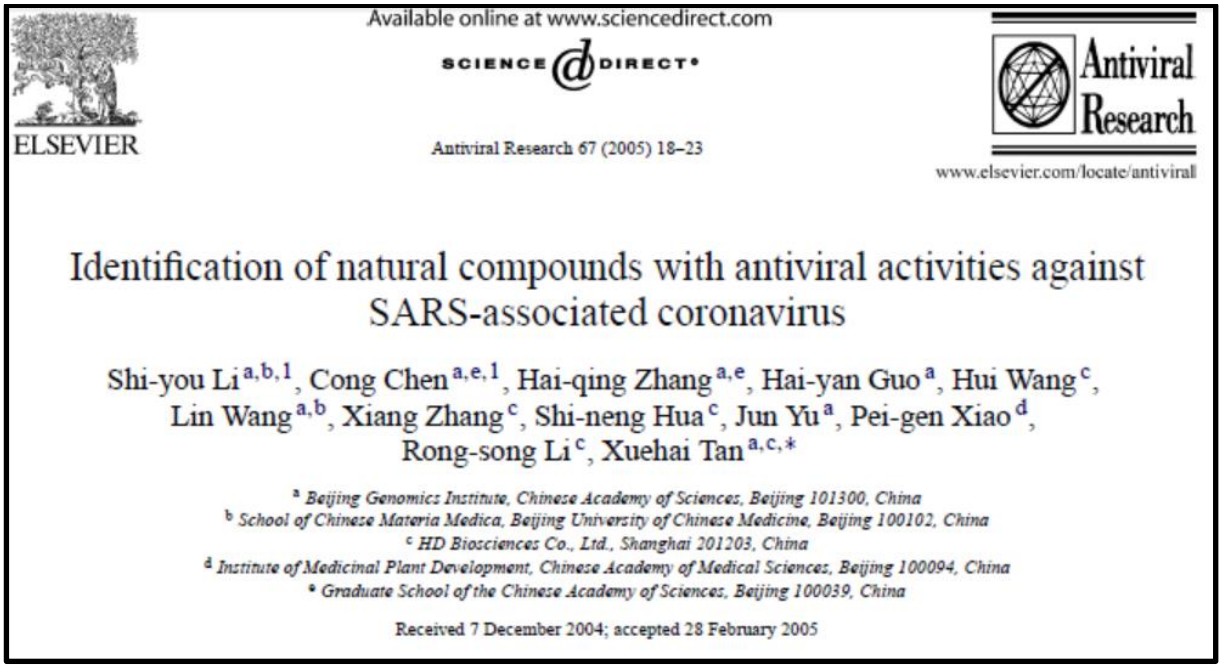

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Identification of natural compounds with antiviral activities against SARS-associated coronavirus

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DISEASE: SARS-Coronavirus-1

LOCATION: China

STUDY SUBJECTS: Cell study – two active strains of the SARS-Coronavirus

TREATMENT: *A. annua* extract

RESULT: Extracts of *Artemisia annua* **significantly prevented cell death resulting from infection of SARS-coronavirus**.

QUOTING THEIR CONCLUSION: "In conclusion, the **compounds extracted from *A. annua***, *L.radiata*, *P. lingua*, and *L. aggregata* have been identified to **show antiviral activity against SARS-CoV** in Vero cell-based CPE/MTS screening. The results from our study provide **strong support for the usage of these herbs to treat SARS-CoV** infectious diseases."

LINK:
https://www.sciencedirect.com/science/article/pii/S0166354205000690?via%3Dihub

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Original article

Antiviral activities of aerial subsets of *Artemisia* species against Herpes Simplex virus type 1 (HSV1) *in vitro*

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DISEASE: Herpes Simplex virus type-1

LOCATION: Iran

STUDY SUBJECTS: Cell study – active strain of the Herpes Simplex type-1 virus (KOS strain)

TREATMENT: *A. annua* extract

RESULT: *Artemisia annua* extract had **a significant anti-herpetic activity**, and was the highest of all Artemisia species examined.

QUOTING THEIR CONCLUSION: "In conclusion, **extracts of A. annua** and related species may be **appropriate candidate** for further therapeutic studies **against herpes viruses**."

LINK: https://content.sciendo.com/view/journals/abm/5/1/article-p63.xml?lang=en

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Food Control

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Antiviral activity of herbal extracts against the hepatitis A virus

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DISEASE: Hepatitis A virus

LOCATION: South Korea

PARTICIPANTS: Cell study – active strain of the Hepatitis A virus (HM-175 strain)

TREATMENT: *A. annua* extract

RESULT: *Artemisia annua* extract reduced the Hepatitis A virus titer by more than 99%.

THEIR CONCLUSION: "In conclusion, **A. annua**, A. fistulosum, A. japonica, A. pilosa, A. sativum, C. sativum, E. senticosus, G. biloba, P. multiflorus, and T. japonica extracts could be **potentially used to control HAV titers without exhibiting cytotoxicity**.

LINK: https://www.sciencedirect.com/science/article/abs/pii/S0956713516303905?via%3Dihub