

**AZI Company Ltd.**

## Technology Overview

### Technology platform

Our key technology is allergen removal process and extract manufacturing process. Allergen, Urushiol can be dangerous in some people so, should be removed perfectly. We have unique and cost effective technology for allergen removal and extract manufacturing.

The material is complex form and quality of the material is another key point. Generally, to control the quality is difficult and important thing because the raw material can be changed with growing area and harvesting period. From this point, our quality control experiences on this material can be one of technology.

Our application data for human in OMH is treatment technology for further clinical trial for new drug approval.

## Specific Patent Information

U.S.A Application	Process for preparing extract from Rhus ver. and pharmaceutical composition containing the same <a href="#">11/570,495</a>
	Process for preparation of Rhus verniciflua extracts having excellent anti-cancer activity and anti-cancer pharmaceutical composition containing the same <a href="#">11/719,292</a>
Japan Application	Process for preparing extract from Rhus ver. and pharmaceutical composition containing the same <a href="#">2007-531075</a>
	Process for preparation of Rhus verniciflua extracts having excellent anti-cancer activity and anti-cancer pharmaceutical composition containing the same <a href="#">2008-</a>
PCT Application	Process for preparing extract from Rhus ver. and pharmaceutical composition containing the same <a href="#">PCT/KR/2005/002976</a>
	Process for preparation of Rhus verniciflua extracts having excellent anti-cancer activity and anti-cancer pharmaceutical composition containing the same <a href="#">PCT/KR2006/001601</a>
	옷나무의 알러지를 제거하는 방법 <a href="#">PCT/KR2010/003620</a>
	활성형 플라보노이드 화합물의 함량이 증가된 옷나무 추출물 및 그의 제조 방법 <a href="#">PCT/KR2010/009375</a>
Korea PAT Registration & Application	Method for allergen removal from Rhus ver. <a href="#">KP 10-0504160</a>
	Process for preparing extract from Rhus ver. and pharmaceutical composition containing the same <a href="#">KP 10-0519530</a>

## Specific Publication Information

No.	Journal	Title
1	J. Korean Soc. Appl. Biol. Chem. (2007) 50(4), 358-361	Antioxidant Activity of isolated Compounds from the Heartwoods of <i>Rhus verniciflua</i>
2	Korean J oriental Physiology & Parhology (2006) 20(4), 1-5	Study on antiangiogenic and antitumor activities of processed <i>Rhus verniciflua</i> Stokes extract
3	Eur. J. Pharmaceutical Sci., (2002) 17(suppl 1), 78-79	Anti-tumor efficacy of the allergen-removed extract in <i>Rhus verniciflua</i>
4	Ph.D. Dissertation, (2006) Kyunghee Univ. East-West Medical Graduate School	Study on the Safety and antitumor activity of <i>Rhus verniciflua</i>
5	Annals of Oncology, 2010, vol. 21, no.6, p1383-1385	<b>Rhus verniciflua Stokes extract as a potential option for treatment of metastatic renal cell carcinoma: report of two cases</b>
6	Journal of Alternative and Complementary Medicine, Vol.16,No.4, 2010, p497-500	<b>Shrinkage of Gastric Cancer in an Elderly Patient Who Received <i>Rhus verniciflua</i> Stokes Extract</b>
7	Integrative Cancer Therapies, Vol.9, No.1, p100-104, 2010	<b>A case of recurred hepatocellular carcinoma refractory to doxorubicin after liver transplantation showing response to herbal medicine product, <i>Rhus verniciflua</i> Stokes extracts</b>
8	Journal of Neuroscience Research 87:3658-3670, 2009	<b>Fustin flavonoid attenuates <math>\beta</math>-amyloid (1-42)-induced learning impairment</b>
9	Integrative Cancer Therapies, Vol. 8, No. 2, p148-152, 2009	<b>Impact of standardized <i>Rhus verniciflua</i> Stokes extract as complementary therapy on metastatic colorectal cancer: A Korean single-center experience</b>
10	Explore: The Journal of Science & Healing, Vol. 5, No. 4, p242-244, 2009	<b>Successful Outcome of Advanced Pulmonary Adenocarcinoma with Malignant Pleural Effusion by the Standardized <i>Rhus Verniciflua</i> Stokes Extract: A Case</b>
11	Phytomedicine, Vol.16, No.2-3, 2009, p188-197	<b><i>Rhus verniciflua</i> Stokes prevents cisplatin-induced cytotoxicity and reactive oxygen species production in MDCK-I renal cells and intact mice</b>