

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 61899

**Manuscript Type:** ORIGINAL ARTICLE

*Basic Study*

**Cyanidin 3-glucoside modulated cell cycle progression in liver precancerous lesion,  
*in vivo* study**

**Running title:** Role of cyanidin in liver cancer

Marwa Matboli, Amany H Hasanin, Reham Hussein, Sarah El-Nakeep, Eman Habib,  
 Rawan Ellackany, Lobna Saleh

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The synergistic effects of atorvastatin and **cyanidin**-3-glucoside improves HASMC proliferation and migration by enhancing **cell cycle** arrest through the AT 1R-mediated ...

**Author:** Yunyun Zhao, Yongjiang Qian, Z... **Publish Year:** 2021

### [Effect of cyanidin 3-O- \$\beta\$ -glucopyranoside on hepatic ...](#)

[https://www.researchgate.net/publication/7894646\\_Effect\\_of\\_cyanidin\\_3-O-b...](https://www.researchgate.net/publication/7894646_Effect_of_cyanidin_3-O-b...)

This **study** was to investigate whether **cyanidin**-3-O- $\beta$ -glucoside (Cy-3-G), one of the predominant anthocyanins, could exert protective role on **liver** injury and its further mechanisms of the anti ...

### [\[PDF\] The Impact of O-Glycosylation on Cyanidin Interaction with ...](#)

<https://www.mdpi.com/1422-0067/20/8/1928/pdf>

a balanced distribution of the **cell cycle**, which was similar to those obtained for treated **cells**. It means that **cyanidin** and its O-glycosides do not change the HMEC-1 **cell** distribution in any of the phases, i.e.,...

**Cited by:** 1

**Author:** Sylwia Cyboran-Mikołajczyk, Katarzyna Sol...

**Publish Year:** 2019

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Jan 01, 2014 · Decreased incidence of poorly differentiated prostatic adenocarcinoma (grade 4 **lesions**), **progression** of well differentiated grade 6 **lesions**, decreased **cell** proliferation, phosphorylated ERKs 1...

**Cited by:** 1

**Author:** G.B. Maru, G. Kumar, S. Ghantasala, P. Tajp...

**Publish Year:** 2014