

16th International Conference and Exhibition on**PHARMACEUTICS & NOVEL DRUG DELIVERY SYSTEMS**

March 19-21, 2018 | Berlin, Germany

Anticandidal activity of extracts and novel compound isolated from *Petriella setifera***Amani S Awaad**

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A novel triterpenoidal compound commonly named amnomopin (3 β -diglucoside-5, 12-28-oic acid) was isolated from the *Petriella setifera*. The total alcoholic extract of *P. setifera* showed a great activity against clinically isolated *Candida* species including *Candida albicans*, *C. dubliniensis*, *C. famata*, *C. glabrata*, *C. inconspicua*, *C. kefyr*, *C. krusei*, *C. norvegensis*, *C. parapsilosis*, *C. tropicalis*. Also, the new compound amnomopin was active against all the investigated *Candida* species. The highest anticandidal activity of *Petriella stifera* extract was obtained against *C. kefyr* (22.6 \pm 1.5 mm), *C. albicans* and *C. norvegensis* (21.3 \pm 0.63 mm), and *C. krusei* (20.6 \pm 1.5 mm). Moreover, the MICs of both the total extract and the isolated compound were low. The minimum inhibitory concentration of the compound isolated from *Petriella stifera* was 00.49 μ g/ml against *C. kefyr*, 00.98 μ g/ml against *C. albicans* and *C. norvegensis*, and 01.95 μ g/ml against *C. krusei*. The oral dosage of the extract and the isolated compound did not show any significant effect on the activity of aspartate transaminase (ALT), alanine transaminase (AST) and the levels of blood urea and serum creatinine.

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