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Biological Potential of Artemetin in the Medicine for Their Lipoxygenase Inhibitory Potential

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Backgrounds/Aim:

- Flavonoids class phytochemical are one of the most s cientifically studied natural component in the modern medicine as its composed of over 6000 components having basic structure C6-C3-C6 system.
- Proanthocyanidins, flavanones, anthocyanins isoflavon es, flavones and flavonols class phytochemicals are so me of the example of the flavonoids in the medicine.

Backgrounds/Aim:

- Flavonoids class phytochemical have important role in the modern medicine as they are playing an importan t roles in the vascular diseases, diabetes, liver injury, h ypertension, cancer and oxidative stress mainly due to their stabilizing power of reactive oxygen species and scavenging potential.

Methods:

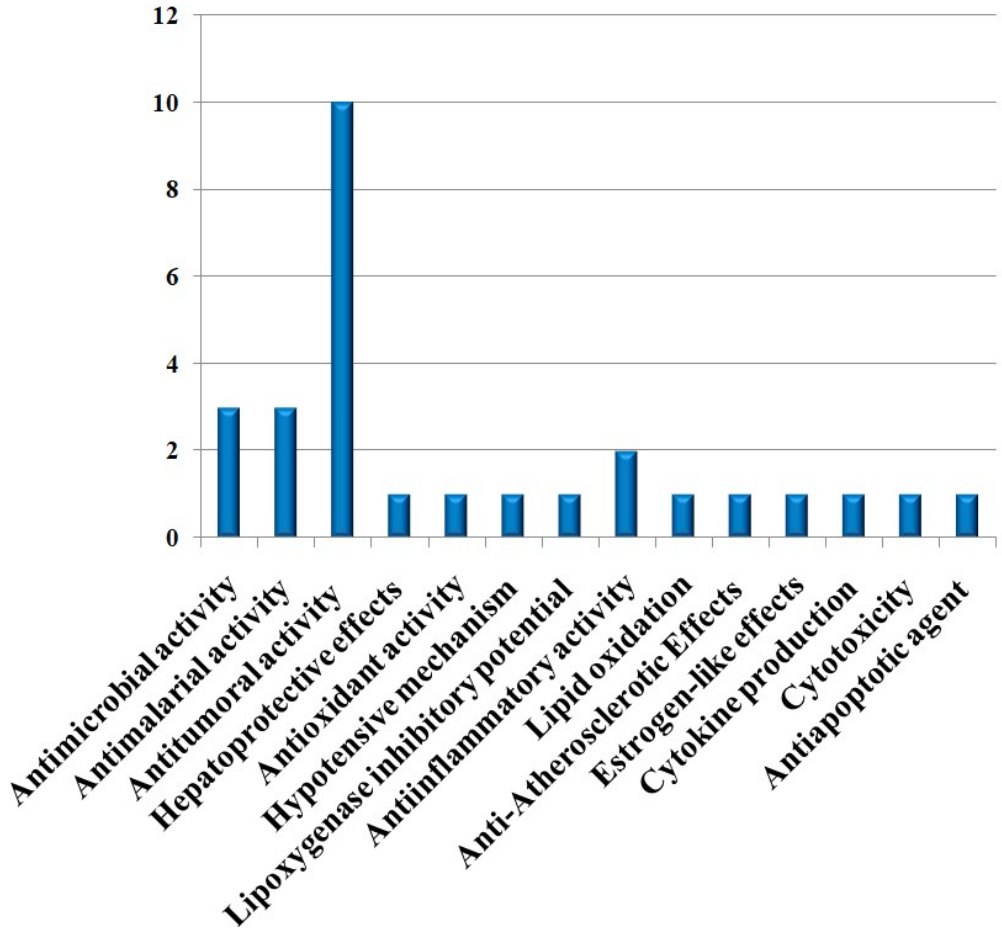
- Biological potential of artemetin isolated from different natural sources have been studied in the present work through scientific data analysis of different scientific res earch work.
- Biological potential of artemetin in the medicine for the ir lipoxygenase inhibitory potential have been investigat ed in the present work through scientific data analysis of different scientific research work.

Methods:

- Other pharmacological activities have been also studied in the present work in order to know the therapeutic p otential of artemetin against various forms of diseases and complications.

Results:

- Scientific data analysis signified the biological importa nce of artemetin against various forms of diseases an d complications. Scientific data analysis revealed the p resence of artemetin in the *Vitex agnus-castus.*
- Scientific data analysis revealed that artemetin solated from *Vitex agnus-castus* exhibited potent lipoxygenas e inhibitory activity in the medicine. Other scientific re search work also signified the biological potential of t he artemetin in the medicine and other allied health s ectors.



Pharmacological activities of artemetin

Conclusion:

- Scientific data analysis signified the biological importance of artemetin against different diseases and associated complications.

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Thank you