Biological importance of cirsiliol on xanthine oxidase for the treatment of renal disorders: Medicinal uses and therapeutic importance

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Background: Plant secondary metabolite has been used in the modern medicine for the preparation of different formulations. Cirsiliol is an important phytoconstituents of Achillea fragrantissima, Artemisia scoparia and Centaurea jacea. Cirsiliol have been well tested for their effectiveness in the medicine against various form of inflammatory disorders.

Methods: Therapeutic benefit of cirsiliol in the medicine has been investigated in the present work through literature data analysis of various scientific research works. Biological potential of cirsiliol against xanthine oxidase has been investigated through literature data analysis of various scientific research works. However therapeutic effectiveness of cirsiliol for their tyrosinase inhibitory activities has been investigated through literature data analysis.

Results: Literature data analysis revealed the biological importance of cirsiliol in the medicine against various form of kidney disorders as it showed therapeutic benefit against anti-xanthine oxidase activity. However literature data analysis also revealed the biological potential of cirsiliol in the medicine for their better antioxidant potential which could be used for the treatment of oxidative induced disorders.

Conclusion: Literature data analysis revealed the health beneficial properties of cirsiliol in the medicine for their role against xanthine oxidase.

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