



European Journal of Medicinal Chemistry Vol 123, 2016

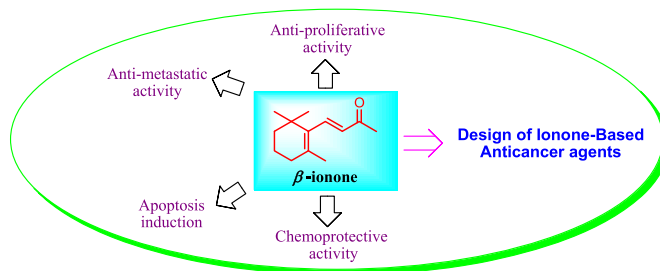
Graphical abstracts

REVIEW ARTICLES

**$\beta$ -Ionone and its analogs as promising anticancer agents**

pp. 141–154

Mahsa Ansari and Saeed Emami\*

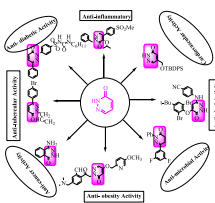


This review describes the potential role of natural product  $\beta$ -ionone and related synthetic compounds in the prevention and therapy of different cancers.

**The therapeutic journey of pyridazinone**

pp. 256–281

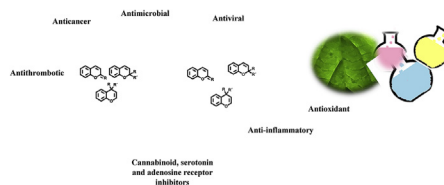
Wasim Akhtar, M. Shaquiquzaman, Mymoona Akhter, Garima Verma, Mohemmed Faraz Khan and M. Mumtaz Alam\*



**Biological importance of structurally diversified chromenes**

pp. 487–507

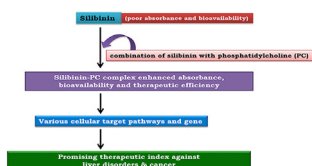
Marta Costa, Tatiana A. Dias, Alexandra Brito and Fernanda Proença\*



### Modulatory effects of silibinin in various cell signaling pathways against liver disorders and cancer – A comprehensive review

pp. 577–595

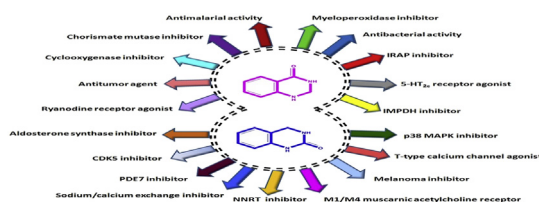
Navaneethakrishnan Polachi, Guirong Bai, Tingyang Li, Yang Chu, Xiangyang Wang, Shuming Li, Ning Gu, Jiang Wu, Wei Li\*, Yanjun Zhang, Shuiping Zhou, He Sun and Changxiao Liu



### Synthetic strategy with representation on mechanistic pathway for the therapeutic applications of dihydroquinazolinones

pp. 596–630

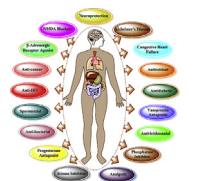
K. Hemalatha and G. Madhumitha\*



### Oxindole: A chemical prism carrying plethora of therapeutic benefits

pp. 858–894

Maninder Kaur, Manjinder Singh, Navriti Chadha and Om Silakari\*



Oxindole has emerged as a valuable scaffold in medicinal chemistry possessing diverse range of pharmacological activities. This review will provide insights for the synthetic as well as medicinal chemist for the designing and synthesis of novel oxindole derivatives with novel improved range of pharmacological implications.

#### MINI-REVIEW

### Therapeutic potential of coumarins as antiviral agents

pp. 236–255

Mohd. Zaheen Hassan\*, Hasnah Osman\*, Mohamed Ashraf Ali and Mohamed Jawed Ahsan



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