

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202341073210 A

(19) INDIA

(22) Date of filing of Application :27/10/2023

(43) Publication Date : 15/12/2023

(54) Title of the invention : PROCESS AND SYNTHESIS OF NANOLIPOSOMES AND INDIRUBBIN COMBINATION FOR CARDIOVASCULAR DISEASE TREATMENT

(51) International classification	:A61K0009127000, A61P0035000000, C12N0009640000, A61K0031404000, A61P0009000000	(71)Name of Applicant : 1)Annamalai University Address of Applicant :Annamalai Nagar, Chidambaram, Chidambaram -----
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Filing Date	:NA	Address of Applicant : NA
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(62) Divisional to Application Number	:NA	-----
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(57) Abstract :

ABSTRACT Process and synthesis of nanoliposomes and indirubin combination for cardiovascular disease treatment comprises synthesizing a combination of Indirubin and nanoliposomes with the indirubin-loaded nanoliposomes that are stable and had a high encapsulation efficiency. The analysis revealed that the drug is non-toxic, had high antioxidant activity, could control the membrane metalloproteinase enzyme synthesis and efficient in regulating the molecular markers (Ferritin mRNA, GPX4 gene, Caspase 8, TBP, GATA 4, Top 2 β) of apoptotic pathway.

No. of Pages : 17 No. of Claims : 1