



J.K.K. MUNIRAJAH MEDICAL RESEARCH FOUNDATION

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LIST OF UGC / SCOPUS JOURNALS

S.No	TITLE OF PAPER	NAME OF AUTHOUR/S	NAME OF JOURNAL	YEAR OF PUBLICATION	ISSN-No
1	Prevalence of Self Medication practice among the population of Tiruppur District.	K C.Arul prakasam	Mukt Shabd Journal	2022-2023	2347-3150
2	Clinical patterns of lower respiratory tract infection and their prescription pattern analysis of peditrics patients in a tertiary care hospital.	K C.Arul prakasam	Journal of Hospital Pharmacy	2022-2023	19451253, 00185787.
3	Evaluation Study on the Urinary Tract Infection (UTI) and Its Co-Morbidities in Relation to the Other Cases	K C.Arul prakasam	International Journal of Pharmaceutical Research and Applications:	2022-2023	2456-4494
4	Assessment of surgical antibiotic prophylaxis in the surgery ward of a tertiary care hospital – an observational study	K C.Arul prakasam	Gis Science Journal	2022-2023	0719-4250
5	Assessment Of Adverse Drug Interactions During In The COVID-19 Vaccine And Public Understanding Of Vaccine In South India.	K C.Arul prakasam	International Journal of Medical Science in Clinical Research and Review.	2022-2023	2581-8945
6	Prevalence and assessment of Self Medication practice along with associated factors among the population of Namakkal District	K C.Arul prakasam	Gis Science Journal	2022-2023	0719-4250
7	Assessing The Prevalence Of Respiratory Symptoms And Quality Of Life Among Textile Mill Workers - Namakkal District, Tamil Nadu.	K C.Arul prakasam	Gis Science Journal	2022-2023	0719-4250


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8	Guillain Barre Syndrome - A Review.	K C.Arul prakasam	International Journal of Trend in Scientific Research and Development (ijtsrd)	2022-2023	2456-6470
9	A Review on Osteoporosis	K C.Arul prakasam	International Journal of All Research Education and Scientific Methods	2022-2023	2455-6211
10	Assessing the Health-Related Quality of Life in Patient With Rheumatoid Arthritis: Cross-Sectional Study	A Srinivasan	Gis Science Journal	2022-2023	0719-4250
11	Basics of Sleep	A Srinivasan	Gis Science Journal	2022-2023	0719-4250
12	A comparative study of knowledge, attitude and perception of jaundice among paramedical and non-paramedical students	A srinivasan	International journal of pharmaceutical sciences and research	2022-2023	0975-8232
13	A community based comparative study of knowledge, attitude and preventive practice of osteoporosis -before and after pharmacist counseling	A Srinivasan	Gis Science Journal	2022-2023	0719-4250
14	The Design, Synthesis, and Evaluation of Diaminopimelic Acid	T. Venkatachalam	Antibiotics	2022-2023	2079-6382
15	A narrative review on etiopathogenesis, clinical manifestations and management of parapneumonic effusions with little insight on its diagnostic procedures	T. Venkatachalam	NeuroQuantology	2022-2023	1303-5150
16	Extraction and Investigation of In-Vitro Antioxidant and Antimicrobial activity of Acacia Pennata	T. Venkatachalam	NeuroQuantology	2022-2023	1303-5150


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17	Protective effect of ceiba pentandra(L). Gaertn on CCl4-induced oxidative stress and liver damage Inrats	E Thilagam	Pharmacological Research - Modern Chinese Medicine	2022-2023	2667-1425
18	Medicinal plants of solanum species. The promising sources of phyto-insecticidal compounds	E Thilagam	Journal of tropical medicine	2022-2023	1687-9694

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LIST OF PATENT PUBLICATION / GRANTS

S.No	Title of invention	Application number	Name of applicant	Name of college	Publication date	Country
1	Dissolution testing apparatus to simulate bio-colonic environment	366994-001	Dr.T.Venkatachalam	JKKMMRFs annai JKK sampoorani ammal college of pharmacy	28/12/2022	INDIA
2	A Herbal formulation containing silver nanoparticles with anti-cancer properties	A61K36/736	Dr.E.Thilagam	JKKMMRFs annai JKK sampoorani ammal college of pharmacy	08/08/2022	GERMAN-GRANTED
3	A method for Extracting of garcinia indica leaf extract and evaluation of the antidiabetic activity	202141058983 A	DrK.Sumathi	JKKMMRFs annai JKK sampoorani ammal college of pharmacy	04/02/2022	INDIA
4	A Method for Extracting of Garcinia Indica leaf extract and Evaluation of the Anti- obesity activity	202141061029 A	Dr .K C Arulprakasam	JKKMMRFs annai JKK sampoorani ammal college of pharmacy	04/02/2022	INDIA
5	A system and composition for treating and preventing Oxalate related conditions	202022100602	Dr.T.Venkatachalam	JKKMMRFs annai JKK sampoorani ammal college of pharmacy	23.03.2022	GERMAN-GRANTED
6	Method for simultaneous estimation of Ciprofloxacin and Fluocinolone by Reverse Phase HPLC	202131058991 A	Dr.T.Venkatachalam	JKKMMRFs annai JKK sampoorani ammal college of pharmacy	21/01/2022	INDIA
7	Isolation of compounds from extracts of Actinodaphnema dras patanabeddi and their cytotoxic and Hepatoprotective activities	202141056244 A	Dr.T.Venkatachalam	JKKMMRFs annai JKK sampoorani ammal college of pharmacy	10/12/2021	INDIA-GRANTED


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(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141056244 A

(19) INDIA

(22) Date of filing of Application :03/12/2021

(43) Publication Date : 10/12/2021

(54) Title of the invention : ISOLATION OF COMPOUNDS FROM EXTRACTS OF ACTINODAPHNE MADRASPATANA BEDD AND THEIR CYTOTOXIC AND HEPATOPROTECTIVE ACTIVITIES

(51) International classification :A61K0036540000, A61K0036185000, A61K0031565000, A61K0031703400, A61K0031560000
(86) International Application No Filing Date :PCT// :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number Filing Date :NA :NA
(62) Divisional to Application Number Filing Date :NA :NA

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(57) Abstract :

ISOLATION OF COMPOUNDS FROM EXTRACTS OF ACTINODAPHNE MADRASPATANA BEDD AND THEIR CYTOTOXIC AND HEPATOPROTECTIVE ACTIVITIES The present invention provides a process for the isolation of compounds selected from Formula-A and Formula-B from Actinodaphne madraspatana Bedd, Formula A Formula B The compound of Formula A and Formula B has cytotoxic and hepatoprotective activities.

No. of Pages : 30 No. of Claims : 7

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60156

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(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/12/2021

(21) Application No.202141056244 A

(43) Publication Date : 10/12/2021

(54) Title of the invention : ISOLATION OF COMPOUNDS FROM EXTRACTS OF ACTINODAPHNE MADRASPATANA BEDD AND THEIR CYTOTOXIC AND HEPATOPROTECTIVE ACTIVITIES

(51) International classification :A61K0036540000, A61K0036185000, A61K0031565000, A61K0031703400, A61K0031560000
(86) International Application No Filing Date :PCT// :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number Filing Date :NA :NA
(62) Divisional to Application Number Filing Date :NA :NA

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(57) Abstract :

ISOLATION OF COMPOUNDS FROM EXTRACTS OF ACTINODAPHNE MADRASPATANA BEDD AND THEIR CYTOTOXIC AND HEPATOPROTECTIVE ACTIVITIES The present invention provides a process for the isolation of compounds selected from Formula-A and Formula-B from Actinodaphne madraspatana Bedd, Formula A Formula B The compound of Formula A and Formula B has cytotoxic and hepatoprotective activities.

No. of Pages : 30 No. of Claims : 7

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60156

(54) Title of the invention : STABILITY INDICATING METHOD DEVELOPMENT AND ITS VALIDATION FOR RIBAVIRIN BY RP-HPLC

(51) International classification :A61K0031705600, G01N0030740000, C07K0014435000, C07H0019056000, G01N0030020000
 (86) International Application No Filing Date :PCT// :01/01/1900
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number Filing Date :NA :NA
 (62) Divisional to Application Number Filing Date :NA :NA

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(57) Abstract :

ABSTRACT STABILITY INDICATING METHOD DEVELOPMENT AND ITS VALIDATION FOR RIBAVIRIN BY RP-HPLC The method development and its validation for Ribavirin by HPLC, preparing a standard stock solution by dissolving in a solvent in mobile phase diluting with the same solvent for UV analysis (102) scanning (104) in the UV spectrum in the range of 200 to 400nm, performing (106) to know the maxima of Ribavirin, utilizing the same wave number in HPLC UV detector for estimating the Ribavirin and recording (108) on Ellico, corp. make UV-Vis spectrophotometer model UV-2450.

No. of Pages : 16 No. of Claims : 7


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(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2021

(21) Application No.202131058991 A

(43) Publication Date : 21/01/2022

(54) Title of the invention : METHOD FOR SIMULTANEOUS ESTIMATION OF CIPROFLOXACIN AND FLUOCINOLONE BY REVERSE PHASE HPLC

(51) International classification :A61K0031496000, G01N0030020000, G01N0033680000, A61K0038000000, A61K0031580000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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4)Mr. Tarun Chaudhary

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(57) Abstract :

The present disclosure relates to method for simultaneous estimation of ciprofloxacin and fluocinolone using RP-HPLC. The method involves running RP-HPLC of mixture on Develosil 5 μ m ODS-HG 140 \AA , LC Column 150 x 4.6 mm using mobile phase Potassium dihydrogen phosphate buffer + Dipotassium hydrogen phosphate (0.02 M, pH 5.0): acetonitrile (ratio 40:60) at flow rate of 1ml/min and run time of 15 mins. Detector used was UV-Visible spectrophotometer with absorbance measured at 258nm. the linearity range of Ciprofloxacin and Fluocinolone were found to be from, 0-60 μ g/ml. Linear regression coefficient was not more than 0.998 - 0.999 respectively. The developed method is simple, accurate, precise, specific, sensitive and reproducible. Stress testing should be given importance for quantification of degraded products of drugs helps us to maintain the quality, safety and efficacy of drugs in formulations.

No. of Pages : 15 No. of Claims : 6

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3189

(54) Title of the invention : A METHOD FOR PREPARATION OF TRANSDERMAL PATCH

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5)Dr Sandip Mondal

6)Dr T Venkateshalam

7)Dr S Kathirvel

8)Dr.S.R.Senthilkumar

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(51) International classification :A61K 9/70
 (86) International Application No :PCT//
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 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
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(57) Abstract :

ABSTRACT A METHOD FOR PREPARATION OF TRANSDERMAL PATCH The present disclosure relates to a method (100) for preparation of transdermal patch. The said method (100) comprises the steps of preparing (102) dissolving CNZ in 0.5 ml oleic acid, followed by making (104) adding dissolved CNZ to HPMC E50cps, followed by forming (106) adding 30 ml of solvent mixture of dichloromethane and methanol in a ratio of 1:1 (108) setting aside the dissolved CNZ in a test tube for at least 4 hours (110) adding PEG 400 to the dissolved CNZ in the test tube to form a transdermal patch. (Fig. 1 will be the reference figure)

No. of Pages : 12 No. of Claims : 5

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46457


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people perform their jobs are directly related to job performance, but awards have only a minor impact on all three.

No. of Pages : 10 No. of Claims : 5

The Patent Office Journal No. 05/2022 Dated 04/02/2022

66

(12) PATENT APPLICATION PUBLICATION

(21) Application No. 202141058983 A

(19) INDIA

(22) Date of filing of Application : 17/12/2021

(43) Publication Date : 04/02/2022

(54) Title of the invention : A METHOD FOR EXTRACTION OF GARCINIA INDICA LEAF EXTRACT AND EVALUATION OF THE ANTI-DIABETIC ACTIVITY THEREOF

(51) International Classification : A23L001105000, A61K00363000 00, B01D0003000000, B01D001020000, A61K003635000
 (56) International Application No : PCT/
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 (61) Patent of Addition to Application Number : NA
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(57) Abstract :
 ABSTRACT A METHOD FOR EXTRACTION OF GARCINIA INDICA LEAF EXTRACT AND EVALUATION OF THE ANTI-DIABETIC ACTIVITY THEREOF The present disclosure relates to method for extracting Garcinia indica leaf methanolic extract and the evaluation of its anti-diabetic activity. The method involves collecting, drying and grinding of Garcinia indica leaves, followed by Soxhlet extraction is performed. The resulting extract is filtered and the solvent is removed by distillation in a rotary evaporator to obtain solid residue. This extract is used for evaluation of acute toxicity and anti-diabetic activity in adult albino rat not treated with Alloxan induced diabetes using Glibenclamide (5 mg/kg) as standard treatment. Anti-diabetic activity was evaluated by measurement of blood sugar levels. (PCT: I will be the reference figure)

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