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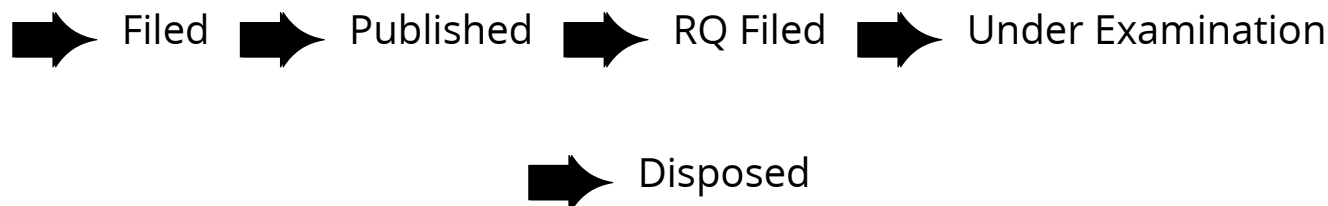


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Application Details	
APPLICATION NUMBER	202041051429
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/11/2020
APPLICANT NAME	1 . NEELAMPALLI JAYANTHI (ASSISTANT PROFESSOR) 2 . Mr. RM NOORULLAH (ASSOCIATE PROFESSOR) 3 . MUNIRAJU NAIDU VADLAMUDI (ASSOCIATE PROFESSOR) 4 . SRIDHAR REDDY VULAPULA (ASSOCIATE PROFESSOR) 5 . V BHAVYA (ASSISTANT PROFESSOR) 6 . SASMITA KUMARI PRADHAN (ASSISTANT PROFESSOR) 7 . ANNEM VIJAYA LAKSHMI (ASSISTANT PROFESSOR) 8 . KEERTHI MANCHIKANTI (ASSISTANT PROFESSOR)
TITLE OF INVENTION	LNUM-HUMAN IMMUNE DETECTION SYSTEM: HUMAN IMMUNE LEVEL DETECTION AND NOTIFICATION SYSTEM USING MOBILE PHONE.
FIELD OF INVENTION	CHEMICAL
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/12/2020

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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Patent Search

Invention Title	LNUM-HUMAN IMMUNE DETECTION SYSTEM: HUMAN IMMUNE LEVEL DETECTION AND NOTIFICATION SYSTEM USING MOBILE PHONE.			
Publication Number	49/2020			
Publication Date	04/12/2020			
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Application Number	202041051429			
Application Filing Date	26/11/2020			
Priority Number				
Priority Country				
Priority Date				
Field Of Invention	COMMUNICATION			
Classification (IPC)	G01S 7/41			
Inventor				
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Applicant				

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Abstract:

ABSTRACT Our Invention "LNUM-Human Immune Detection System" is a D-Ribose and methods for using D-Ribose are provided for enhancing the immune response in mammals, notify to mobile phone. The invented Technology also less than optimal immune response will benefit from oral or parenteral administration of D-Ribose and a methods are also provided for the enhancement of the immune response in isolated leukocytes. The invented LNUM-human immune detection system is a Leukocytes are cultured ex vivo in the presence of D-Ribose and transfused into a patient in need of leukocyte augmentation. The invented LNUM-human immune detection system among the deficiencies identified as contributing to a poor immune response are the lack of vitamins A, B1, B2, B6, B12, C, E and folic acid. Low protein and insufficient caloric intake also depress the immune response and newborn infants have suboptimal immune responses and are susceptible to infection. The invented LNUM-human immune detection system when a growth retardation, nutritional deficiency and low birth weight complicate the picture, impairment of immunocompetence is more marked and also elderly persons often have reduced immunocompetence due to the common occurrence of increased nutritional deficiencies at a time of life when better nutritional intake is necessary to compensate for decreased metabolic efficiency.

Complete Specification**Claims:WE CLAIMS**

- 1) Our Invention "LNUM-Human Immune Detection System" is a D-Ribose and methods for using D-Ribose are provided for enhancing the immune response in mammals. The invented Technology also less than optimal immune response will benefit from oral or parenteral administration of D-Ribose and a methods are also provided for the enhancement of the immune response in isolated leukocytes. The invented LNUM-human immune detection system is a Leukocytes are cultured ex vivo in the presence of D-Ribose and transfused into a patient in need of leukocyte augmentation. The invented LNUM-human immune detection system among the deficiencies identified as contributing to a poor immune response are the lack of vitamins A, B1, B2, B6, B12, C, E and folic acid. Low protein and insufficient caloric intake also depress the immune response and newborn infants have suboptimal immune responses and are susceptible to infection. The invented LNUM-human immune detection system when a growth retardation, nutritional deficiency and low birth weight complicate the picture, impairment of immunocompetence is more marked and also elderly persons often have reduced immunocompetence due to the common occurrence of increased nutritional deficiencies at a time of life when better nutritional intake is necessary to compensate for decreased metabolic efficiency.
- 2) According to claim1# the invention is a D-Ribose and methods for using D-Ribose are provided for enhancing the immune response in mammals.
- 3) According to claim1,2# the invention is a optimal immune response will benefit from oral or parenteral administration of D-Ribose and a methods are also provided for the enhancement of the immune response in isolated leukocytes.
- 4) According to claim1,2,3# the invention is a is a Leukocytes are cultured ex vivo in the presence of D-Ribose and transfused into a patient in need of leukocyte augmentation

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Page last updated on: 26/06/2019

FORM 1 THE PATENTS ACT 1970(39 of 1970) & The Patents Rules, 2003 APPLICATION FOR GRANT OF PATENT (See sections 7, 54 & 135 and rule 20(1))	<u>(FOR OFFICE USE ONLY)</u> Application No: Filing Date Amount of Fees Paid: CBR NO: Signature:
1. APPLICANTS REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)	

2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]

Ordinary (✓)		Convention ()		PCT-NP ()	
Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()

3A. APPLICANT(S):

Name	Country of Residence	Nationality	Address
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3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]

Natural Person (✓)	Other than Natural Person ()		
	Small Entity ()	Startup ()	Others ()

4. INVENTOR(S): [Please tick (✓) at the appropriate category]

Are all the inventor(s) same as the applicant(s) named above?	Yes (✓)	No ()
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If "No", furnish the details of the inventor(s) N.A

Name	Nationality	Country of Residence	Address
NA	NA	NA	NA

5. TITLE OF THE INVENTION:

LNUM-Human Immune Detection System: Human Immune Level Detection and Notification System Using Mobile Phone

6. AUTHORISED REGISTERED PATENT AGENT(S)		NA
ADDITIONAL PATENT AGENTS	NA	

7. ADDRESS FOR SERVICE OF APPLICANT/ PATENT AGENT(S) IN INDIA NEELAMPALLI JAYANTHI (ASSISTANT PROFESSOR) Address: DEPARTMENT OF COMPUTER SCIENCE ENGINEERING, INSTITUTE OF AERONAUTICAL ENGINEERING DUNDIGAL, HYDERABAD -500043 TELANGANA, INDIA.	E-Mail: jneelampalli.office@gmail.com Mo no: 9030277619
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8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION: N.A

Country	App. Number	Filing Date	Name of the Applicant	Title of the Invention	IPC (as classified in the convention country)
NA	NA	NA	NA	NA	NA

9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT):

International application number	International filing date as allotted by the receiving office.
NA	NA

10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION: N.A

Original (first) application number	Date of filing of Original (first) application
N.A.	N.A.

11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT: N.A

Main application / patent Number	Date of filing of main application
N.A.	N.A.

12. DECLARATIONS:

(i) **Declaration by the Inventor:**

(In case the applicant is an assignee: the inventor(s) may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period).

We, the above named inventor is the true & first inventor for this invention and declare that the applicant herein is my assignee or legal representative:

NA

(ii) Declaration by the applicant/s in the convention country:
(In case the applicant in India is different than the applicant in the convention country: the applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative. : **N.A.**

(iii) Declaration by the applicants:

We, the applicants hereby declare that: -

1. We are in possession of the above-mentioned invention.
2. The **Complete Specification** relating to the invention is filed with this application.
3. The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by us before the grant of patent to us: **N.A.**
4. There is no lawful ground of objection to the grant of the patent to me/ us.
5. We are the assignees or legal representatives of true and first inventors:
6. The application or each of the applications, particulars of which are given in Para – 8 was the first application in convention country/countries in respect of our invention: **N.A.**
7. We claim the priority from the above mentioned application filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by us or by any person from which we derive the title: **YES**
8. Our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Para-9: **N.A.**
9. The application is divided out of our application particulars of which is given in Para-10 and prays that this application may be treated as deemed to have been filed on N.A. Under sec.16 of the Act: **N.A.**
10. The said invention is an improvement in or modification of the invention particulars of which are given in Para-11: **N.A.**

FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

(a) **Form 2**

Item	Details	Fee	Remarks
Complete specification) #	No. of pages:		
Claim(s)	No. of claims: No. of pages:		
Abstract	No. of pages:		
Drawing(s)	No. of drawings: No. of pages:		

In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

1. Complete specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies) **N.A**
2. Sequence listing in electronic form **N.A**
3. Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies) **N.A**
4. Form 1, 2, 26-1750Rs.
5. Statement and Undertaking on Form-3
6. Declaration of Inventor ship on Form-5
7. Request for Publication Form9 -2750.Rs
8. Form18 Examination Request, 4400.Rs
9. Other Form according to need: 880,1600,2500,4000, ...
10. Power of Authority
11. Other from 4 to 31 According to needed can fill.

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Date.....on..... Bank.

We hereby declare that to the best of my knowledge, information and belief the facts and matters stated herein are correct and I request that a patent may be granted to me for the said invention.

Dated 26/11/2020

NEELAMPALLI JAYANTHI (ASSISTANT PROFESSOR)
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To,
The Controller of Patent,
The Patent Office, at