

GN Ramachandran Science Club,  
School of Biosciences, MACFAST organizes



## Meet The Entrepreneur: How to start a startup company

Resource Person

**Dr. C.N Ramachand**  
CEO, Saksin Lifesciences Pvt. Ltd,  
Chennai, Tamilnadu

20<sup>th</sup> September 2017  
TIME: 10 AM





MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALA

(MACFAST)

Thiruvalla - 689101

**GN Ramachandran Science club, School of Biosciences**

**Report on Seminar on Meet the Entrepreneur**

**Dr. C.N. Ramchand**

**20<sup>th</sup> September 2017**

The G N Ramachandran Science Club, MACFAST organized a seminar "Meet the entrepreneur" by Dr. C.N. Ramchand, CEO, Saksin Lifesciences Pvt. Ltd, Chennai, Tamilnadu, on 20<sup>th</sup> September 2017 at 10 am IST at MACFAST auditorium. Rev. Fr. Pradeep Vazhatharamalayil welcomed the resource person. The resource person gives a description on how to start a startup company. The talk highlighted the importance of starting a business and being a young entrepreneur. It was a highly participatory event in which 63 individuals participated and were able to get answers to their queries and concerns. Dr. Ramchand appreciated the awesome response received from the participants for this seminar. Prof. Biju D, HoD, School of Biosciences expressed vote of thanks to the resource person and appreciated this mind blooming session.

  
Fr. Dr. CHERIAN J KOTTAYIL  
PRINCIPAL  
Mar Athanasios College For Advanced Studies  
Tiruvalla- 689101, Kerala



Beesa  
Beesa Varghese  
coordinator  
G.N. Ramachandran  
science club.



**Change in Dr CN Ramchand talk reg**

1 message

Biju Dharmapalan <biju@macfast.org>

Sat, Sep 16, 2017 at 2:54 PM

To: faculty <faculty@macfast.org>, bioscience <bioscience@macfast.org>, Abraham Mulamoottil <principal@macfast.org>, Abraham Mulamoottil <a.mulamoottil@gmail.com>, Sanesh Pv <sanesh@macfast.org>

Dear Sir/Madam

The invited talk of Dr CN Ramchand ,Chief Executive Officer,Saksin Lifesciences Pvt Ltd organized by **G N Ramachandran Science Club MACFAST** is rescheduled to 20th September 2017 at MACFAST auditorium from 2pm to 4 pm.

All are cordially invited

Biju

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**Biju Dharmapalan**

**Head**

**School of Biosciences**

**Mar Athanasios College For Advanced Studies Tiruvalla (MACFAST)**

**(Accredited (First Cycle) by NAAC with 'A' grade)**

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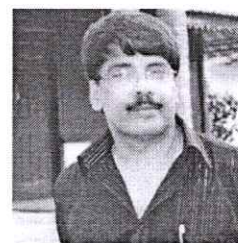
**Fax : 0469 2730317**



## Photograph

### Name: Dr. CN Ramchand

- **CEO**, Saksin lifesciences Pvt. Ltd. Chennai, San Francisco and MagGenome technologies Pvt. Ltd., Cochin, Kerala
- **Advisor**, Scigenom labs Pvt. Ltd, Cochin, Kerala, Medgenome Inc., Bangalore, Karnataka, Theragen Biologics, Chennai, India, Theragen LifeSciences, Chennai, India
- **Director**, Thejo Engineering Limited, Accel Transmatic Limited, Accel Limited, Accel Media Ventures Limited



### Title of the talk:

- Drug discovery with special reference to NCE and Biologics (10 minutes)
  - Development of Anti VEGF antibodies Fab for Age related Macular dystrophy (20 minutes)
  - Development of magnetic nanoparticles based technologies for biomedical applications (20 minutes)
- How to start a “start-up” (10 minutes)

### Drug discovery with special reference to NCE and Biologics

Developing a new drug (NCE) from original idea to the launch of a finished product is a complex process. Typically it takes about 12–15 years and costs in excess of \$1 billion. The process for development of NCE is complex and time taking. However the recent advancements in Biotechnology based products has become a potent source of new drugs. These drugs include Biologics and Biosimilars.

### Development of Anti-VEGF antibodies Fab against Age related Macular dystrophy

Age-Related Macular Degeneration, often called AMD, is the leading cause of vision loss and blindness among people with age 60 and above. Age-related Macular Degeneration (AMD) affects an estimated 14 million people worldwide. We are developing an Anti-VEGF antibody Fab for treatment of AMD. Our approach for includes selection of high affinity Fabs using Phage display Technique. Phage display technology enables displaying of antibody libraries on phage particles that also encapsulate the encoding DNA.

### Development of naked magnetic nanoparticles based strategies for industrial applications

Magnetic nanoparticles have generated considerable research and commercial interest due to their unique properties and wide applicability. The unique properties include susceptibility to external magnetic field and biocompatibility. We have developed a number of technologies specifically with bare magnetic nanoparticles which are technically proficient and industrially viable.

## **How to start a “startup”**

Scientific and technical discoveries can reap rich dividends if they are executed wisely in the commercial space. Current market promotes young entrepreneurs and scientists to start ventures. However it is advisable to follow certain paths to success to attain higher efficiency. Various aspects like team building, seeking right advisers and looking for sources of funding are some crucial aspects herein. Having been associated with several startups; we can explain several critical aspects of “How to build a startup.

### **Dr. CN Ramchand: Brief CV**

Dr CN Ramchand, a British Citizen, is currently the President and CEO of Saksin life Sciences Pvt Ltd, a start-up biotech company as well as MagGenome labs Pvt. Ltd, Cochin. He is also a key Adviser to several companies including Scigenome labs, Medgenome Inc, Theragen lifesciences/Biologics and Director in Thejo Engineering and Accel Limited, Chennai. He earlier was the Director, at KEMIN Pharma, India (A subsidiary of Kemin Pharma Belgium BVBA) and was holding a simultaneous position as Director of Research and Development, Kemin Industries South Asia Pvt. Ltd., a part of Kemin Industries Inc, Des Moines, USA. Dr.Ramchand also was a WW executive team member at Kemin Industries. Prior to the assignment at Kemin Industries, Dr Ramchand was with Sun Pharmaceuticals, currently the largest Pharma company in India (as per OR G marg) as its Vice President and Head of Drug Discovery Research (Biological Research Programme) (1999-2004). He was closely involved in the setting up of a multimillion Drug Discovery centre including design and development of laboratories. Currently, Dr Ramchand is an Honorary Visiting Professor to European Nanotechnology consortium at University of Newcastle, UK. He is also an adjunct faculty, Visiting Professor and PhD guide at Swinburne University of technology, Australia along with Prof. Ajay Kapoor. Dr. Ramchand is currently also involved in development of a extensive PhD programmes for students in collaboration with Swineburne University and IIT Chennai through Scigenom labs, Cochin.

Dr.Ramchand is a PhD in Biochemistry from MS University Baroda. He also served as assistant professor (1982-84) at MS University. He has also obtained his M Phil from the same university. He did his Bachelors degree in Chemistry at S.D College, Alleppey from 1972 -75. He holds a Masters degree in Chemistry from the University of Kerala. He has also won the Young Scientist award from Charing Cross and Westminster Medical School, UK for 3 times, for the work in the role of membrane pathology in schizophrenia and the development of EPA as a therapy for schizophrenia. He has extensive experience in basic research activities, having handled prestigious projects in the US&UK, both Universities and in the Pharma Industry. He has over 25 years of rich experience in the areas of teaching, basic research, Drug discovery programme and disease mechanisms, guiding M Sc. / Ph D. students and setting up Research facility.

Dr.Ramchand has published over 70 peer-reviewed papers in international journals, edited 5 books, has 3 patented products and has applied for over 15 patents. He has done over 100 research presentations at International conferences worldwide and was also a senior Visiting fellow at University of Sheffield and University of New Castle Upon-Tyne, UK, and at Slovakian Academy of Sciences, Slovak Republic. He has a very close research association with State University of New York at Buffalo, USA, Florida International University and also is an adjunct faculty and PhD guide at the MS University of Baroda. Dr Ramchand was the special invitee at the Vibrant Gujarat



organized by Chief Minister Narendra Modi, to give a special lecture on nano biotechnology to over 2000 select CEOs and business leaders(2006) and later on 2008 on role of nutrition in disease prevention . He was an invitee to chair and present a plenary talk at the 11th International conference on magnetic fluid at Slovak Republic. He was a special invitee to give a talk at IIM Ahmedabad on Nanotechnology in September 07 and has been invited again by IIM to give a talk during the workshop on Strategic Management of Intellectual Capital and Organisational Knowledge in September 10.

20/09/17

63


Seminar by Dr CN Ramchand on the topic  
"How to start start-up companies"

1	Elma Susan Reji	S <sub>3</sub> BT	Elma
2	Bhavya Xavier	S <sub>3</sub> BC	Bhavya
3	LEKSHMI DEVI J.C	S <sub>3</sub> BC	Lekshmi
4	Syifa S.P	S <sub>3</sub> BC	Syifa
5	Sora Treasa Mathew	S <sub>3</sub> FST	Sora
6	Ammu Bejoe	S <sub>3</sub> FST	Ammu
7	Ancha V.L	"	Ancha
8	Jesla John	"	Jesla
9	Renu John	"	Renu
10	Priya Elizabeth Francis	"	Priya
11	Teena Joseph	"	Teena
12	Ammu George	S <sub>3</sub> BI	Ammu
13	Nadiya Nazee	S <sub>3</sub> FST	Nadiya
14	Albira Krishnan R	"	Albira
15	Mercy Jose	S <sub>3</sub> FST	Mercy Jose
16	Varsha S S	S <sub>3</sub> BC	Varsha
17	Lekshmi Kumar	S <sub>3</sub> PBT	Lekshmi
18	Vinitha Francis	S <sub>3</sub> BC	Vinitha
19	Anjumol K.P	S <sub>3</sub> BT	Anji
20	Grace Samuel	S <sub>3</sub> BIF	Grace
21	Chinju Varghese	S <sub>3</sub> BC	Chinju
22	Binsu Bose	S <sub>3</sub> BC	Binsu
23	Reshma Shaji	S <sub>3</sub> BC	Reshma
24	Gayathri V	S <sub>3</sub> BT	Gayathri
25	Anju C Anand	S <sub>3</sub> BC	Anju
26	Daliya Simon	S <sub>3</sub> BIF	Daliya
27	Parvathy Nandakumar	S <sub>3</sub> PBT	Parvathy
28	Parvathy J	S <sub>3</sub> PBT	Parvathy
29	Maria Joy P	S <sub>3</sub> BT	Maria
30	Anaswara Syam	S <sub>3</sub> PBT	Anaswara
31	Kesiya Joy	S <sub>3</sub> BI	Kesiya



32.	Dilna T	S <sub>3</sub> BI	Dilna
33	Swaya. B. S	S <sub>1</sub> PBT	<del>Swaya</del>
34	Neha Rubese	S <sub>1</sub> PBT	<del>Neha</del>
35	Bhagya Vijayan	S <sub>3</sub> FST	<del>Bhagya</del>
36	Ria Elka Varghese	S <sub>3</sub> BC	<del>Ria</del>
37.	Dhanu. S. Lakshmi	S <sub>3</sub> FST	<del>Dhanu</del>
38.	Jain Sarah Jacob	S <sub>3</sub> FST	<del>Jain</del>
39.	Abhisami. S. Nair	S <sub>3</sub> FST	<del>Abhisami</del>
40.	Ansu. Mary George	S <sub>3</sub> FST	<del>Ansu</del>
41.	Denna Mary Tom	S <sub>3</sub> FST	<del>Denna</del>
42.	Athira Rajan	S <sub>3</sub> PBT	<del>Athira</del>
43.	Rakursath. A. S	S <sub>3</sub> BC	<del>Rakursath</del>
44.	Arathi Ben	S <sub>3</sub> FST	<del>Arathi</del>
45.	Sonja philip	S <sub>3</sub> BC	<del>Sonja</del>
46.	Aswin Sajeev	S <sub>3</sub> FST	<del>Aswin</del>
47.	Abhyth. M. Anandhan	S <sub>3</sub> BI	<del>Abhyth</del>
48	Sibi Babu	S <sub>3</sub> FST	<del>Sibi</del>
49	Muhammad Jasir	S <sub>3</sub> FST	<del>Muhammad</del>
50	BINIL ANAS	S <sub>3</sub> FST	<del>Binil</del>
51	MATHAI MATHAN	S <sub>3</sub> FST	<del>Mathai</del>
52.	Jubis. J. Kanchigil	S <sub>3</sub> PBT	<del>Jubis</del>
53.	VISHNU. C.	S <sub>3</sub> FST	<del>Vishnu</del>
54.	AMALANAND.	S <sub>3</sub> PBT	<del>Amalanand</del>
55	Nikhil. A. N	S <sub>3</sub> FTQA	<del>Nikhil</del>
56	Litty Thomas	S <sub>3</sub> BT	<del>Litty</del>
57	Bigy D		<del>Bigy</del>
58.	Dr. Arun K. Das		<del>Dr. Arun</del>
59	Dr. Jenny Jacob		<del>Dr. Jenny</del>
60	Ms. Pinchu		<del>Ms. Pinchu</del>
61	Ms. Tresa		<del>Ms. Tresa</del>
62	Ms. Sini		<del>Ms. Sini</del>
63.	Sherry.		<del>Sherry</del>

Dr. C. N. Ramchand is the CEO of  
Saksin Life Sciences Pvt. Ltd.  
Chennai.

  
20/2/17