

Prof. Dr. Samuel Gnana Prakash Vincent

BIODATA



Prof. Dr. Samuel Gnana Prakash VINCENT, Ph.D (Indo-German)

DAAD Fellow (Germany)

EMBO Fellow (Germany)

UNESCO Fellowship Awardee (Italy)

MARIECURIE Fellow (European Commission, Belgium)



Focal Point

European Commission HORIZON 2020



Chairman Associate (India)



Coordinator – MS University Research Park

Professor & Head of the Department
Centre for Marine Science and Technology (CMST)
Manonmaniam Sundaranar University
Rajakamangalam, KK Dist, TN.
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Nov. 2024

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Prof. Dr. S.G. Prakash Vincent has 25 years of University teaching experience and six years as HOD of Centre for Marine Science and Technology of MS University. Since 1994, He had his Ph.D research and training undergone in four Universities and two research centres in Europe, in total for a period of five years. He has guided ten Ph.D Scholars and currently guiding eight Ph.D scholars. He has guided 45 M.Phil Scholars. He has published 60+ scientific articles in International journal and given about 70 invited lectures.

Through European Commission project (2004-06) at EMBL-Heidelberg, Germany, he developed a Transgenic Medaka (model Fish) for Biomedical research. In 2017 his team had discovered a novel molecule 'Ala-Geninthiocin', which an Anti Microbial Resistant Pathogen antibiotics (AMR Antibiotic), which also has Anti-Cancer effects.

Prof. Dr. S.G.Prakash Vincent is the Chairman Associate of BRICS Biomedical Consortium, since 2014. He is also the FOCAL POINT for European Commission HORIZON2020. He is a DAAD Fellow (Germany), EMBO Fellow (Germany), Mariecurie Fellow (European Commission) and UNESCO Biotechnology Fellowship Awardee (Italy).

He was a invited speaker at Indo-Russia Bilateral meeting at Tomsk, Russia (May 2015); EU-India STI Cooperation Days-Bioeconomy, Goa (Sept 2016)and BRICS Biomed meeting at BRICS Summit, Delhi(Oct 2016). He was an invited speaker at "Third Forum on Small Business of the SCO and BRICS Regions" at Ufa, Russia (Sept. 2017,) and BRICS Biomedical Meeting, Chongqing, China (June 2018).

In July 2018, he was invited to address the inaugural meeting of BRICS Biomedical Industry Alliance (Shanghai, China). Recently (Sept 2018), he visited and initiated product development collaboration with Swiss Federal Research Centre, St. Gallen, Switzerland and Frankfurt Innovation, Centre, Frankfurt. Germany.

In January 2022, he was one among the four experts selected by His Royal Highness (HRH) Prince Abdulaziz Bin Abdullah Bin Saud Al-Saud (Cousin of Crown Prince and Grand son of Founder of Saudi Arabia) to establish BRICS BIOMED INVESTMENT BANK (BIB) in Riyadh.

Four Prestigious International Fellowships received

DAAD
DAAD Fellow
Germany

1. DAAD Fellow (Biotechnology), 1994

German Academic Exchange Fellow, selected by DAAD, Bonn, Germany and Ministry of Human Resource Development (MHRD), Govt. of India for carrying out part of Ph.D work in University of Bonn, Germany (1994 to 1996). Revisit grant in 2001


UNESCO
Fellowship, Italy

2. UNESCO Biotechnology Fellowship ,2001

Selected by UNESCO Biotechnology Action Council for training in Biotechnology at University of Bari, Bari, Italy


EMBO Fellow
Germany

3. EMBO Fellow, 2002

Selected by **European Molecular Biology Organisation (EMBO)** as World programme Fellow, to carry out research in Molecular Biology at Carl von Ossietzky Universität, Oldenburg, Germany for nine months. One among the four fellows selected.


Mariecurie Fellow
EC, Belgium

4. MARIECURIE Fellow, 2004

Selected by European Commission as Mariecurie Fellow and awarded individual project on DNACHIP(**Nanobiotechnology**) for 2,13,522 Euros (Rs. 1.24 Crores) to carry out the project at European Molecular Biology Laboratory, Heidelberg, Germany (Nov. 2004 to Oct. 2006).

Dr. S.G.Prakash Vincent, Age 55 years (03.06.1968), from Cross View, Trituapuram, Kuzhithurai, Kanniyakumari District Tamilnadu.

Cell : +91-9442428248, prakash@msuniv.ac.in

NRI Institute Award to Dr. S.G.Prakash Vincent



Jan 10 . 2015, Myself, receiving **BHARAT SAMMAN AWARD** awarded by **NRI Institute** from **German Ambassador to India His Excellency Mr. Michael Steiner** and Mr. Mahesh Sharma Minister for Culture and Tourism at Hotel Leela Palace, New Delhi. Also, in the presence of **Mr. Julian Evans, Deputy High Commissioner, UK** and Mr. Amar Singh.





Deutscher Akademischer Austauschdienst

Stipendienurkunde

Der Deutsche Akademische Austauschdienst ist eine gemeinsame Einrichtung der deutschen Hochschulen. Er fördert mit öffentlichen Mitteln die internationale akademische Zusammenarbeit, insbesondere den Austausch von Studierenden und Wissenschaftlern. Die Stipendien des DAAD werden auf der Grundlage von Auswahlentscheidungen unabhängiger wissenschaftlicher Kommissionen vergeben.

Im Rahmen seiner Programme verleiht der Deutsche Akademische Austauschdienst

Vincent Samuel Gnana Prakash

ein Stipendium zur wissenschaftlichen Aus- und Fortbildung in Deutschland.

Ich beglückwünsche Sie zu diesem Stipendium und wünsche Ihnen einen erfolgreichen Aufenthalt in Deutschland. Ich hoffe, daß Sie neben Ihren fachlichen Aufgaben auch die Gelegenheit wahrnehmen werden, unser Land, seine Menschen und seine Kultur näher kennenzulernen. Ich würde mich freuen, wenn Sie auch nach Rückkehr in Ihr Heimatland weiterhin die Verbindung mit Ihren deutschen Partnern und dem DAAD aufrechterhalten würden.

Bonn, den 15.03.1994



Prof. Dr. Dr. h.c. mult. Theodor Berchem
Präsident des Deutschen Akademischen Austauschdienstes

Prof. Dr. Samuel Gnana Prakash Vincent

Academic Credentials

Feb. 2023 – Coordinator MS University Deep Tech Research Park
Feb 2017 – Chairman, Board of Studies in Microbiology, MS University
Feb 2017 – Chairman, Board of Studies in Marine Biotechnology, MS University
Feb 2017 – Chairman, Board of Studies in Marine Science, MS University
Dec. 2016 – HOD, Centre for Marine Science and Technology, MS University
Nov. 2014 –Chairman Associate, BRICS Biomed Consortium
Oct. 2013 – Focal Point – European Commission HORIZON 2020
Aug. 2013 – Professor, Centre for Marine Science and Technology, MS Univ.
Aug. 2007 – Associate Prof. Centre for Marine Science and Technology, MS Univ.
Dec 2004 – Mariecurie Fellow, European Commission, EMBL, Heidelberg, Germany
Nov. 2003- EMBO Fellow (World Programme), University of Oldenburg, Germany
Dec. 2001 – UNESCO Biotechnology Fellow, Bari, Italy
Dec. 1999 – Lecturer, Centre for Marine Science and Technology, MS University
May 1998- Ph.D in Special Zoology (Univ. of Madras + Univ. of Bonn Germany)
June 1994 – DAAD Fellow, German Academic Exchange Service (Univ. of Bonn)
June 1992 – CSIR-UGC, Junior Research Fellow
May 1991 – M.Phil In Special Zoology, Dept. of Zoology, Univ. of Madras
May 1990 – M.Sc in Aquatic Biology and Fisheries, Univ. of Kerala
May 1998 – B.Sc in Zoology, NMCC, Marthandam, Madurai Kamaraj University
May 1985 – +2, St. Josephs Higher Secondary School, Trituapuram
May 1978 – Fifth Grade, Christuraja English Medium School, Marthandam

Prof. Dr. Samuel Gnana Prakash Vincent

Academic Credentials

1. Total academic experience in University: **25 years as University Faculty (11th year as University Professor)**
2. Total number of years as academic council member of a university: **12 years**
3. Total administrative experience in University: **Total 15 years. 8 months**
(10 years as Co-ordinator of Nanobiotechnology Programme),
5 years 8 months as Head of the Department)
4. Total Publications **85 nos** Total citations **1311** H index **23**
5. Highest citations received for your best three articles

1st highest -**114** (J. Biochem Technol. 2013, 4(3) 628-630.)
2nd highest- **101** (Saudi Journal of Biological Sciences.2014, 21 (1), 27-34)
3rd highest – **66** (Polish J. Microbiol., 2012, 61 (1) 51-55.)
6. Number of international conferences that you have organised and the number of countries that have participated

Four (2 International Conference, 2 International Workshops) (participants from 22 Countries)
7. International institutions where you have spent more than 3 months and their international QS ranking

QS Rank 226, The Rhenish Friedrich Wilhelm University of Bonn, Germany (total time of my stay 2 years, 3 months)

European Molecular Biology Laboratory (EMBL), Heidelberg, Germany (total time of my stay 2 years). EMBL is, a top Lab in the world, where high end research is in progress, as an example, in one year Scientists from EMBL published 3 papers in Nature and 4 papers in Science (1 June 2021 - 31 May 2022).

Prof. Dr. Samuel Gnana Prakash Vincent
Academic Credentials

8. Total project funding that you have received: **Rs. 180 Lakhs**

9. Total number of years as senate member of a university:

5 years 8 months

10. The maximum number of people you have led for more than 3 years:

12 Nos

11. Total number of scholarship received to pursue higher education

Five Nos. (1 National and 4 International)

National one Scholarship

University Grants Commission Junior Research Fellow at University of Madras for doctoral studies, for 3 years.

International Four Scholarship received

1. **DAAD Fellowship**, Germany for Ph.D Studies at University of Bonn, Germany for doctoral research, for 2 years and 3 months.
2. **European Molecular Biology Fellowship**, Germany at University of Oldenburg, Germany for Postdoctoral Studies for Nine months
3. **UNESCO Fellowship** in Biotechnology at University of Bari, Italy for Postdoctoral Studies for one month
4. **MARICURIE Fellowship** of European Commission at European Molecular Biology Laboratory, Heidelberg, Germany for 2 years

12. Total number of patents received

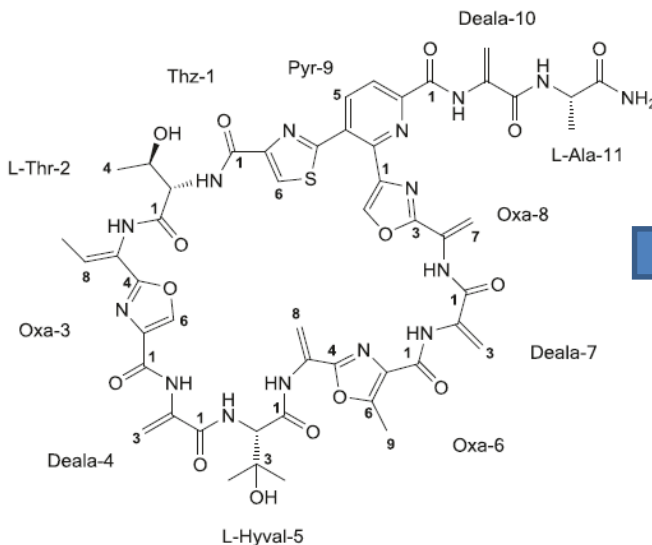
Nil (filed 1 full patent specification and 16 patent initial \ specifications)

Ala Geninthiocin, 1 novel peptide antibiotic discovered, antagonistic to gram positive, gram negative, yeast and fungi, also an Anti-Cancer molecule

discovered in collaboration with HZI, Braunschweig, Germany, a top Infection R&D Centre In World



Ala Geninthiocin



Has broad Spectrum Antibiotic activity
Has cytotoxicity against A549 human lung carcinoma cells

Transgenic Medaka, *Oryzias latipes*

June, 2006



Developed a double transgenic Medaka, by germline integration of a membrane Green Fluorescent protein (mGFP) and nuclear Red Fluorescent Protein (nRFP). This model is for various biomedical research applications, as finding remedy for muscle diseases, improving health problems, finding best nutraceuticals molecules etc.

Cardiac Function @ ICN
Neuroactivity @ ICN
Muscle @ ICN & EMBL
Neuronal Development @ ICN & UCAL

Ph.D in Marine Biotechnology

Ph. D ^{1,2}
1992 - 98

On the Development of ELISAs and *invivo* Bioassays for Vitellogenesis Inhibiting and Stimulating neuropeptides in the tiger shrimp *Penaeus monodon*.

¹ Department of Zoology, University of Madras, India

² Institute for Zoophysiology, University of Bonn, Germany

β -lactamase inhibitory potential of kalafungin from marine *Streptomyces* in *Staphylococcus aureus* infected zebrafish
TRJ Mary, RR Kannan, AM Iniyar, WAC Ranjith, S Nandhagopal, ... **SGP Vincent**
Microbiological Research 244, 126666, 2021

Exploring antagonistic actinobacteria from a mangrove ecosystem of the southern coast of India against multidrug-resistant pathogens
SA Joshua, N Sangeetha, AM Iniyar, **SGP Vincent**
Environmental and Experimental Biology 19 (4), 255-263, 2021

Cell wall distraction and biofilm inhibition of marine *Streptomyces* derived angucycline in methicillin resistant *Staphylococcus aureus*
TRJ Mary, RR Kannan, AM Iniyar, D Ramachandran, **SGP Vincent**
Microbial Pathogenesis 150, 104712, 2021

Appadurai Muthamil Iniyar, Enge Sudarman, Joachim Wink, Rajaretnam Rajesh Kannan & **Samuel Gnana Prakash Vincent** (2019) Ala-geninthiocin, a new broad spectrum thiopeptide antibiotic, produced by a marine *Streptomyces* sp. ICN19
Journal of Antibiotics, 72, pages99–105(2019)

Arjun P, **Vincent SGP**, Kannan RR (2017) HPLC – PDA isolation and LC-MS/MS detection of an acetylcholinesterase inhibitory flavonoid from *Tephrosia purpurea* in Zebrafish brain. Indian Journal of Biochemistry and Biophysics, (in press) 2017

Iniyar, A.M., Kannan, R.R. & **Vincent, S.G.P** (2017) Characterization of Culturable Actinomycetes Associated with Halophytic Rhizosphere as Potential Source of Antibiotics. Proceedings of the National Academy of Sciences, India Section B: Biological Sciences. 2017; 87(1):233–242

Recent Publications on AMR anti-infectives against 'Superbug'

Francis-Joseph Rosemary Sharmila Joseph, Appadurai Muthamil Iniyan, **Samuel Gnana Prakash Vincent** (2017) HR-LC-MS based analysis of two antibacterial metabolites from a marine sponge symbiont *Streptomyces pharammarensis* ICN40 Microbial Pathogenesis, 2017; 111:450-457

Appadurai Muthamil Iniyan, Rajaretinam Rajesh Kannan, Francis-Joseph Rosemary Sharmila Joseph, Thankaraj Rajam Jabila Mary, Mani Rajasekar, Puthenpurayil Chellappan Sumy, Arul Maximus Rabel, Dasnamoorthy Ramachandran, **Samuel Gnana Prakash Vincent** (2017) *In vivo* safety evaluation of antibacterial silver chloride nanoparticles from *Streptomyces exfoliatus* ICN25 in Zebrafish embryos. Microbial Pathogenesis 2017; 112:76-82

Iniyan AM, Mary TRJ, Joseph FRS, Kannan RR, **Vincent SGP** (2016) Cell wall distracting anti-Methicillin-resistant *Staphylococcus aureus* compound PVI331 from a marine sponge associated *Streptomyces*. **Journal of Applied Biomedicine** 14(4): 273-283 [SCI journal with ISI Impact factor: 1.509].

Iniyan AM, Kannan RR, **Vincent SGP**. Characterization of culturable actinomycetes associated with halophytic rhizosphere as potential source of antibiotics. **Proceedings of the National Academy of Sciences, India Section B: Biological Sciences**. (in press) DOI: 10.1007/s40011-015-0601-2 [SCI journal with ISI Impact factor: 0.396]. (Citations: 1).

Iniyan AM, Joseph FRS, Kannan RR, **Vincent SGP** (2016) Anti-MRSA potential of phenolic compound from a marine derived actinomycete *Micromonospora* sp. ICN36. **Indian Journal of Marine Sciences** 45(10); 1279-1287. [SCI journal with ISI Impact factor: 0.316].

Kalaiarasi S, Arjun P, Nandhagopal S, Brijitta J, Iniyan AM, **Vincent SGP**, Kannan RR. (2016) Development of biocompatible nanogel for sustained drug release by overcoming the Blood Brain Barrier in zebrafish model. **Journal of Applied Biomedicine** 14(2); 157-169. [SCI journal with ISI Impact factor: 1.509].

10. Nandhagopal S, Iniyan AM, Kannan RR, **Vincent SGP**. *In vivo* evaluation of anti-MRSA compound from *Streptomyces collinus* ICN1 in zebrafish embryos. **Indian Journal of Marine Sciences** (Accepted – in press) [SCI journal with ISI Impact factor: 0.316].

High Profile International Positions holding at present



Coordinator of FOCAL POINTS

European Commission
HORIZON2020

HORIZON2020 is a 80 Billion Euro research funding programme (2014-2020) of the European Commission. To foster Indo-EU research collaborations, about 30 FOCALPOINTS (top ranking Indian scientists, who had already taken up projects from European Commission with EU scientists) are chosen by European Commission to foster Indo-EU collaborative works. Since Aug. 2014, I am serving as FOCAL POINT and had organised one EU event and gave 6 talks on HORIZON2020, mooted a collaborative event on FUTURE INTERNET. Since Dec.2015, I am deputed as Coordinator of FOCAL POINTS.



STELLA MARY'S
COLLEGE OF ENGINEERING
Accredited by NAAC and NBA(MECH & CSE)

EU event organised by me as FOCAL POINT "European Fellowships and opportunities with Funding" at Kanyakumari on Jan 31.2015. 650 participants from 40 Institutions benefitted.



Dinner Invitation to me by Ambassador of European Union to India Mr. Tomasz Koslowski at his Delhi Residence on Nov.19,2015. Sitting on my left is Mr. Denis Dambois, First Councillor - Head of Science and Technology, Delegation of the European Union to India.



In the past 3 years had more than 10 meetings with EU officials

Programmes and talks by Dr.S.G.Prakash Vincent, FOCAL POINT – European Commission HORIZON2020,

- 1.Delivered a Special talk on” **European Fellowships and opportunities with funding**” to 120 audience in the International Conference Advances in Biotechnology and Biotherapeutics (ICABBS-2017) held at Sathyabama University, Chennai, India, during 8th to 10th March **2017**.
- 2.Delivered a talk entitled “**How to write a winning MSCA proposal**” to a group of about 80 participants on a satellite workshop (sept 22) in the eve of EU-India STI Cooperation Days: Bioeconomy I 21-22 September **2016**. Goa, INDIA
- 3.Main organisor of a one day Seminar on” **European Fellowships and opportunities with funding**” to 180 participants from the state of Chattisgargh at International Institute of Information Technology, IIT, Nayaraipur, Chattisgargh, Sept 17, **2016**, INDIA.
- 4.Delivered talk on “ **Mariecurie Programmes**” at Workshop on Erasmus+, Jean Monnet and Marie Skłodowska-Curie Actions, 30 October 2015 Indian Institute of Technology, Madras (IITM) Research Park, Chennai, INDIA.
- 5.Voice of Researchers under various European programmes , myself talked on ‘**MarieSkłodowska-Curie Fellowships**’ at EURAXESS event in Kolkata: Advancing Your Research Career in Europe, August, 9, 2015, Kolkata, INDIA,. Total of about 220 participants.
- 6.Main organisor of a one day Seminar on” **European Fellowships and opportunities with funding**” Venue at Stella Marys College of Engineering , kanyakumari , INDIA Jan 30,**2015**. About 650 participants from 40 Institutions from southern part of India participated. I had also made dissemination to the media on the importance of this programme, so that 10 visual media came for the event and covered it in their new channel . This information would have reached about 4 to 10 million viewers (the total population which see these channels is about 66 million). The programme was done getting local sponsorship and ‘no fee’ was charged from the participants and they were provided with refreshments and good lunch. Few of them travelled about 700 kms from Chennai to attend the event.

7. Testimony: “ **Experience of working in an EU funded project**” at European Road show 2014 Research, Innovation and Higher Education Cooperation & Opportunities between the European Union and India Awareness Raising and Information Session Venue: Vivanta by Taj - Trivandrum, Thiruvanthapuram Thursday, 30/01/**2014**

8. Delivered a special talk on “**HORIZON 2020**” to about 120 participants on Nov. 20, **2014**, at Manonmaniam Sundarnar University, Abishekapatti, Tirunelveli, INDIA

9. Delivered Special Talk on “**HORIZON 2020, the European Union 80 Billion Euro research funding programme and opportunities for collaborations**” at ECOSAID conference Oct.4, **2013**, Trivandrum India. Participants 300+.

10. Delivered a training programme talk on “**Marie Skłodowska-Curie Actions**” at Indigo Policy Focal Points training –29-30 August 2013, Pune, INDIA.

As a FOCAL POINT, I was involved in networking 12 Indian Scientists with Scientist from Europe for proposing projects on ‘FUTURE INTERNET 2013 – FP7’. Series of meetings were held in different cities in south India on one-to-basis (myself and individual groups) and then, all six groups were made to converge at Satyabama University on Nov.25, 2013. The project proposal modes to the FP7, finding of collaborators and the complexity in applying project proposal were explained to the teams. All teams approached different Scientist in Europe, three teams was successful in finding partners (supported by me).

High Profile International Positions holding at present



Chairman Associate

To foster research collaboration within Brazil, Russia, India, China and South Africa (BRICS), a BRICS Biomed Consortia has been formed. This has been initiated by Russian Government, having nominated Prof. Shamil Akamedov from Russia as its Chairman. In an International selection, four Chairman Associates, each one from Brazil, India, China and South Africa has been selected. Myself selected as Chairman Associate of India in Oct.2014. A call (application) for research proposal has been sent to Indian Scientist and I had received about 120 research proposals to be funded. Establishment of Advisors for BRICS Biomed (India) and establishment of project proposal evaluators is being done currently.



Indo-Russia delegation meeting At Tomsk, Russia – May 18,2015



Delegation Head,
His Excellency P.S Raghavan,
Ambassador of India in Russia



Myself presenting proposal on BRICS Biomed – India, for research and Infrastructure funding to India. On the evening dinner hosted by the Ambassador HE P.S. Raghavan, complimented me that I made a very good presentation

Four Russian television media covered the event, one is
<https://www.youtube.com/watch?v=eENA9Hr8R3o>

1. Invited by the Governor of Tomsk, Russia to participated in Russia-India delegation meeting and delivered a talk on "BRICS Biomedical Consortia - Strategies of VISION and MISSIONS' on May 18, 2015 at TOMSK, Russia
2. Delivered talk at round table titled "BRICS-Biomed Consortium: The First Results and Prospects of Future Development" on 12 October, 2016 at BRICS Summit 2016, New Delhi
3. Delivered a talk on "Establishing a working group for BRICS Biomed Startups" at THIRD FORUM ON SMALL BUSINESS OF THE SCO AND BRICS REGIONS, 28-29 September, 2017, Ufa, Russia
4. Presented a talk at BRICS Biomedical Consortia meeting on June 28, 2018 at South-West University, Chongqing, China
5. Delivered a talk at BRICS Biomedical Industrial Alliance Meeting, On July 02, 2018 at Shanghai University of Medicine and Health Science, Shanghai, China
6. Delivered a talk on "Setting up of BRICS Industrial Parks" in Shanghai, Chongqing on April 12th 2019 at Second BRICS Biomed Meeting at Shanghai, China

Media Report

Business Standard

BRICS Biomed centre's to be set up in 4 Indian cities by 2025

ANI | New Delhi [India] October 12, 2016 Last Updated at 17:30 IST

Professor Shamil Akhmedov, Chairman of the BRICS-Biomed, Cardiology Research Institute, Tomsk NRMC, Tomshk, Russia, said that the main aim of creation of the BRICS-Biomed Consortium is the development of new biomedical technologies for diagnosis and treatment of human diseases, development of domestic demand and export of biotech products, creation of technological base for new biotech areas of industrial sector.

Dr. S G Prakash Vincent, Chairman Associate BRICS-Biomed (India- Academic), said that the aim of the consortium is to provide affordable and novel medicines. The BRICS Biomed Cooperation aims to augment innovation and product development in biomedical areas. The consortium is also looking at promoting traditional herbal medicine from BRICS. By 2025, BRICS Biomed Centre in India will be established in Kanyakumari, Bangalore, Hyderabad and Delhi. He added that there are global opportunities in Biomed and it will witness an investment of USD 5 billion and USD 50 billion returns are expected.

Project fundings: 180 Lakhs +

Construction of a DNACHIP for the identification of myoblast fusion genes in larvae of medaka *Oryzias latipes*. Funded by European Commission (Sixth Frame Work Programme) . Dec.2004 to Nov.2006, 2,13,522 Euros (Rs. 124.5 Lakhs)

EMBO Practical course on DNA Microarray . Funded by European Molecular Biology Organisation, Aug. 11 -16, 2007,, Aug 15-20, 2009 60,000 Euros (Rs. 36 Lakhs). Training programme to be conducted at CMST, Manonmaniam Sundaranar University, Rajakamangalam, K.K.Dist, TN, INDIA

cDNA cloning and sequence analysis of opiod receptor genes from *Carcinus maenas* . Funded by European Molecular Biology Organisation. Nov.2002 to July 2003 , 23,600 Euros (Rs. 12.7 Lakhs)

Purification And Structural Characterization Of Novel Molecules Antagonistic To The Superbug Methicillin Resistant *Staphylococcus aureus* , Department of Science and Technology, Govt. of India 2013 – 2016 (Rs. 42 Lakhs)

International/National Training Programmes Organised

1. Aug 2009, Organizer, European Molecular Biology Organisation (EMBO) World Practical Course on **DNA Microarray-Analysis and Applications** – Aug 16-20, 2009 International Centre for Nanobiotechnology. CMST campus, Manonmaniam Sundaranar University, Rajakamangalam, Tamilandu. India. Total 20 participants from 10 countries.

2. August 2007, Organizer, European Molecular Biology Organisation (EMBO) World Practical Course on **DNA Microarray-Analysis and Applications** – Aug 11-16,2007. International Centre for Nanobiotechnology. CMST campus, Manonmaniam Sundaranar University, Rajakamangalam, Tamilandu. India. Total 20 participants from 12 countries.

3.September 2003: Coordinated a National Level Workshop on **BIOTECHNIQUES** and gave training to 45 Scientists/Scholars in the different techniques of Recombinant DNA Technology, particularly the cDNA cloning technology in Department of Biotechnology, Malankara Catholic College, Mariagiri, Kaliakavilai, K.K.Dist.

Event of Signing of BRICS Biomed Consortia – Five year Plan (2019 to 2024)



BRICS Biomed Consortium

AGREEMENT ON THE APPROVAL OF THE 5-YEAR PLAN 2019 - 2024

金砖国家生物医学协会

关于批准 2019 年至 2024 年五年计划的协定



Brasil



Russia



India



China



South Africa



BRICS Biomed Consortium

AGREEMENT ON THE APPROVAL OF THE 5-YEAR PLAN 2019 - 2024

金砖国家生物医学协会

关于批准 2019 年至 2024 年五年计划的协定

The BRICS Biomedical Consortium was formed in Russia in 2015 to promote cooperation among scientists from BRICS countries in disciplines of biomedical sciences. The Consortium is represented in each country as BRICS Biomed Consortium (Country).

金砖国家生物医学联盟于 2015 年在俄罗斯成立，旨在促进金砖国家科学家在生物医学科学领域的合作。该联合会在每个国家都代表金砖五国生物医学联合会（国家）。

The BRICS Biomedical Consortium, having met second time in Shanghai, China on 11 – 12 April 2019 and agreed on the Approval of the 5-Year Plan.

金砖五国生物医学联盟于 2019 年 4 月 11 日至 12 日在中国上海举行了第二次会议，并同意批准五年计划。

In order to enhance the implementation of the founding principles behind this strategic partnership, the Consortium have agreed that:

为了加强这一战略伙伴关系背后的基本原则的实施，联合会同意：





BRICS_2016 · Oct 12

Session on BRICS Biomed Consortium: The first results and prospects for future development (RUSSIA) #BRICS2016

👤 Amar Sinha, IN, PIB India, Narendra Modi and 7 others



You are cordially invited to the round table titled **"BRICS-Biomed Consortium: The First Results and Prospects of Future Development"**.

The round table will consist of two parts with a 15-min break as follows:

**12 October
12:15-13:15**

Conference Room, Hall 8, Mezzanine Floor, Pragati Maidan

**13.30-14.30 (continue)
Russian Pavilion, Hall 14.**

Note: Dr. Samuel Gnana Prakash, sitting second from left, delivered talk on "Strategies: Vision and Mission of BRICS Biomed Consortium"



EXHIBITION & BUSINESS FORUM 2016




Program of the round table in New Delhi
BRICS-Biomed Consortium: BRICS-Biomed Consortium: The First Results
and Prospects of Future Development
(minimal amendments may be implemented to this program on site)

12 October

12:15-13:15

Conference Room, Hall 8, Mezzanine Floor, Pragati Maidan

- 
1. Greeting: Prof. Shamil Akhmedov (Chairman of the BRICS-Biomed; Cardiology Research Institute, Tomsk NRMC, Tomsk, Russia)
 2. Prof. Shamil Akhmedov: BRICS-Biomed Consortium: BRICS-Biomed Consortium: The First Results and Prospects of Future Development
 3. **Dr. S.G. Prakash Vincent** (Chairman Associate BRICS-Biomed (India-Academic): Strategies, VISION and MISSIONS of BRICS-Biomed Consortium.
 4. Ms. Harpreet Sandhu, the Indian Council of Medical Research, Govt of India. Expert opinion for further development of BRICS-Biomed.
 5. Prof. Moni Madaswamy (Program Director, Centre for Agricultural Informatics & e-Governance Research Studies, Shobhit University): Expert opinion for further development of BRICS-Biomed.
 6. Mr. Praveen Kumar Vemula (Self-Assembled Biomaterials Laboratory, inStem, NCBS): Expert opinion for further development of BRICS-Biomed.
 7. Dr. Yana Anfinogenova (Cardiology Research Institute, Tomsk NRMC, Tomsk, Russia): International practices in biomed cooperation. Search for BRICS partners for academic research projects.
 8. Discussion.

13.30-14.30 (continue)

Russian Pavilion, Hall 14.

VIP Room of the Russian Export Centre

1. Introduction: Prof. Shamil Akhmedov (Chairman of the BRICS-Biomed; Cardiology Research Institute, Tomsk NRMC, Tomsk, Russia)
2. Continuation of discussion on further development of the BRICS-Biomed with partners from Russia, India, and China.



Agenda for the BRICS-Biomed League Inaugural Meeting

Time: Friday, June 29, 2018

Foreign Guest list:

1. Shamil Akhmedov, Chairman of BRICS-Biomed (Russia)
2. Prakash Vincent, Chairman of BRICS-Biomed (India)
3. Vasilii Shpak, Director of the Ministry of Industry and Trade of the Russian Federation
4. Wu Jiayi, Chairman of United Crest Healthcare Private Limited
5. Ivan Gorbachev, CEO of Medical strategy and market, Russian National Technology Corporation

Southwest University Representatives:

1. ZHANG Weiguo, President
2. ZHANG Fajun, Director, Office of International Cooperation and Exchanges
3. LI Xuemei, Deputy Director, Office of Science and Technology
4. DAI Fangying, Dean, College of Biotechnology
5. XIA Dequan, Party Secretary, College of Pharmaceutical Sciences
6. XIN Wenkuan, Professor, College of Pharmaceutical Sciences
7. CUI Hongjuan, Professor, College of Biotechnology

Agenda:

- 08:30-09:00 Mr Wu Jiayi, the host announces the opening of the meeting, introduces the meeting's background and agenda.
- 09:00-10:15 Phase one
President ZHANG Weiguo delivers a welcome speech.
The host reads the congratulation letter.
Chairman of BRICS-Biomed (Russia) delivers a speech.
Chairman of BRICS-Biomed (India) delivers a speech.
Representatives sign the BRICS-Biomed Industry Memorandum of Understanding.
The host declares the founding the BRICS-Biomed League.
Presenting gifts and taking group photo.
- 10:30-12:30 Phase two
Qin Shaorong, Chief Engineer of Tai Ji Group LTD makes a speech.
Tong Qi, Chief Expert of Chongqing Institute for Population and Family Planning makes a speech.
Representative of China Medical University makes a speech.
- 12:40-13:40 Buffet lunch.
- 14:00-15:30 Free discussion
- 18:30 Dinner banquet hosted by Southwest University (Guiyuan Restaurant)

Welcome to visit SWU and we wish you a very pleasant stay at SWU and in Chongqing!

To,

18 September 2019

Prof. Samuel Gnana Prakash Vincent
Chairman Associate – BRICS Biomed Consortium
Manonmaniam Sundaranar University
Rajakamangalam, 629503
Kanyakumari Dist, TN, INDIA

Dear Prof. Vincent

You are invited for the meeting with regard to BRICS Investment programme to Riyadh, Kingdom of Saudi Arabia in between 28 to 14 / 10 / 2019 . We are herewith sending you e-VISA. Kindly confirm your participation.

With Many Regards

Dr. Omar Haji Osman

Adviser of HRH Prince Abdulaziz Bin Abdullah Bin Saud Bin Abdulaziz AL-Saud,



Eight Ph.D candidate finished under Dr. S.G.Prakash Vincent


Name of the Candidate	Register No	Title of the thesis
Dr. Muthamil Iniyar A	2017	Discovery of a novel antibiotic Ala-Geninthiocin from a new marine actinomycete <i>Streptomyces marianii</i>
Dr. S. Sukesh	2017	Studies on purification and characterization of secondary metabolites of marine actinomycetes antagonistic to <i>Pseudomonas</i> sp.
Dr. Vijayaragavan P	2016	Isolation , Characterization of Fibrinolytic Enzyme for Cardio Vascular Therapeutic applications
Dr. Radha Shiny .R	2013	Studies on Mitochondrial Genes and their comparative analysis in the lunar tail snapper
Dr. G.D.Biji	2013	Studies on Complete Mitochondrial Genome of Surgeon Fishes <i>Acanthurus leucosternon</i> Bennet 1833 and <i>Acanthurus lineatus</i> Linnaeus 1758 (Perciformes: Acanthuridae)
Dr. G,R.Learnal Sudhakar	2012	Purification and Characterization of Three Novel Lectins from the Marine shrimp <i>Alpheus digitalis</i> complex, the Clam <i>Villorita cyprinoides</i> and the Insect nymph <i>Bradinopyga geminata</i>
Dr. R.Rajesh Kannan	2012	Biomedical Studies on Organogenesis Regulated by Phytomolecules in wild and Transgenic Zebrafish (<i>Danio rerio</i>) by Confocal Microscopy
Dr. Flanet Raj	2012	Sequence analysis of mitochondrial genes from <i>Sardinella longiceps</i> Valenciennes, 1847 and their comparative analysis

INTERNATIONAL CENTRE FOR NANOBIO TECHNOLOGY [ICN]



Founder & Coordinator of ICN: Dr.S.G.Prakash Vincent

ICN - International Alumni 2009

1. Dr. Budanov Andrey V., University of California, **United States** 
2. Dr. Boutet Isabelle, Station Biologique de Roscoff.7144 CNRS UPMC, **France** 
3. Mr. Schutte Andre, Johannes Gutenberg-University, **Germany** 
4. Dr. Fernandez Lioris Raquel, URS Scientific Park of Barcelona , **Spain** 
5. Dr. McCully Michelle, School of Medicine, Cardiff University, **UK** 
6. Dr. MV Tejesvi, Novozyme, Copenhagen, **Denmark** 
7. Dr. Ferreira Junior, University of São Paulo, **Brazil** 
8. Dr. Latypov Oleg R., GKS Inst.of Biochemi. & Physioll. of Microorganisms, Pushchino, **Russia** 
9. Dr. Linde Liat, Center of Translational Genetics at the Technion, Haifa, **Israel** 
10. Dr. Yilmaz Remziye, Middle East Technical University, Ankara, **Turkey** 
11. Mr. Joseph Mafofo, University of the Western Cape, Cape Town, **South Africa** 
12. Dr. Gregory Sword, University of Sydney, Sydney, **Australia** 
13. Dr. Falfan-Valencia Ramces, National Institute of Respiratory Diseases , **Mexico** 
14. Dr. Sara Balesaria, University College London, **United Kingdom** 
15. Mr. Jan Rodewald, Austrian Research Centers GmbH-ARC, Vienna, **Austria** 
16. Ms. Serej Delphine Ley, Swiss Tropical Institute, Basel, **Switzerland** 
17. Dr. Esen Ismet Oktay, Bilkent University, Ankara, **Turkey** 
18. Dr. Janardan Lamichhane, Kathmandu University, **Nepal** 
19. Mr. Andor Doszpoly, Hungarian Academy of Science, **Hungary** 



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Prof. Dr. N. Chandrasekar
Hon. Vice Chancellor,
Manonmaniam Sundaranar University,
Tirunelveli, TN, India.



Patron
Er. S. Byju Nizeth Paaul
Secretary, Scott Christian College
Nagercoil, TN, India.



Convener
Dr. J. Robert Victor Edward
Principal,
Scott Christian College

Organizing President

Prof. Dr. S.G.Prakash Vincent
CMST, Rajakkamangalam
Manonmaniam Sundaranar University



Organizing Secretary

Dr. Jeyasekar
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Datin Malliga Subramaniam
Founder & MD
DEWI Wealth Accelerator
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Ms. Candice Cheng
Founder & Director
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Dr. Yogeswari RS
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Dr. Julia Lim
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The Prime Minister of India, Shri. Narendra Modi aims for 5 Trillion US \$ Economy for India and Chief Minister M.K. Stalin of Tamil Nadu aims for 1 Trillion US \$ Economy for Tamil Nadu and these visions are envisaged in district level by Minister Mano Thankaraj as **Green Kanniyakumari initiative**, which is invoked by Prof. Dr. Prakash Vincent as "**Kanniyakumari Innovation Economy Corridor (KIEC)**".

We invite, Principals, Deans, Faculty, Research Scholars, from higher education Institutions (120 Nos.) in Kanniyakumari District in Universities, Medical Colleges, Engineering Colleges, Arts and Science Colleges, Siddha Colleges, Ayurveda Colleges, Homeo colleges and Doctorpreneurs from Kanniyakumari District to register, understand examples of Global Business Acceleration, how you can network, get your startup funded by Angel funding, venture funding for your Global Startup from Kanniyakumari.

We invite, small business owners from Kanniyakumari District, involved in organic fruit and vegetable production, having Siddha Clinic, Ayurveda Clinics, people planning for home stay, ecotour operators, flower exporters, fish exporter, fish breeders, we show you how to accelerate your business globally with venture funding within Kanniyakumari district. People planning to have ecofarms in mountains or beach farms are also welcome.

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16 - 20 August, 2009

ANALYSIS AND APPLICATIONS

The aim of this course is to give the participants (doctorates, postdocs, young scientists) a practical introduction into the analysis of gene expression using microarrays.



Manonmaniam Sundaranar University

International Centre for Nanobiotechnology (ICN)
CMST Campus, Rajakamangalam-629503.

K.K.Dist, TN I N D I A

Organisers

Dr. S.G. Prakash Vincent

Coordinator - ICN, MSU, India

Dr. Jonathon Blake

EMBL-Heidelberg, Germany

Dr. Vladimir Benes

Head, Genomics Core Facility
EMBL-Heidelberg, Germany

Dr. Luis M.Teran

Head, Dept. of Immunogen. And Allergy
I NER, Mexico

Dr. Christian Schwager

DKFZ, Heidelberg, Germany

Dr. Ute Wirkner

DKFZ, Heidelberg, Germany

The increasing numbers of whole genome sequences being unraveled, opens the possibility of functional analysis of genes from bacteria to mammals using DNA microarray.

On line application

EMBO Courses and Workshops

<http://cwp.embo.org/wpc09-10/index.html>

Instructors

Dr. Vladimir Benes EMBL- Heidelberg, Germany

Dr. Jonathon Blake EMBL- Heidelberg, Germany

Dr. Henner Friedle Agilent Technologies, Germany

Dr. Mugasimangalam C. Raja Genotypic technology, India

Dr. George Reid EMBL - Heidelberg, Germany

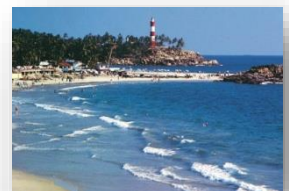
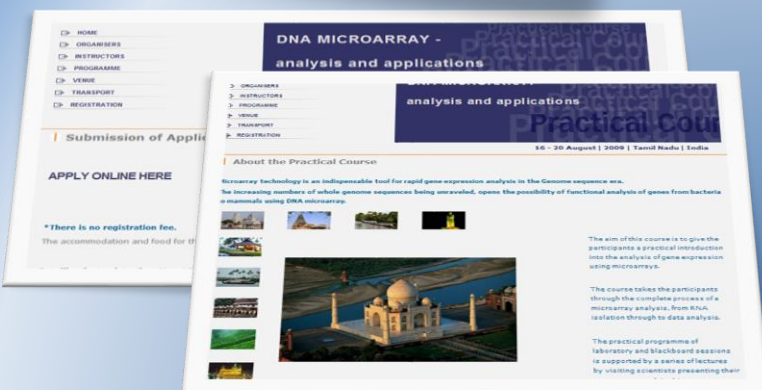
Dr. Parag P. Sadhale IISc, India

Dr. Christian Schwager DKFZ-Heidelberg, Germany

Dr. Luis Teran INER, Mexico

Dr. Ute Wirkner DKFZ- Heidelberg, Germany

Dr. S.G.Prakash Vincent ICN, MSU, India



Last Date: May 15, 2009

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Expected Participants:
Students in +1 to Post Graduates
and Young Scientists
(Ph.Ds/Postdoctoral Scholars)

Programme :

10 AM – 5 PM , January 31, 2015

Organiser

Dr.S.G.Prakash Vincent
FOCAL POINT
European Commission HORIZON 2020



Ms. Ainhitze Bizkarralegorra Bravo (Euraxess India)

- 1.Brief overview of Research & Development in Europe
- 2.EURAXESS Researchers in Motion
- 3.HORIZON 2020
- 4.MSCA, ERC Grants, Erasmus+ & Erasmus Mundus



Dr. Purnima Rupal International Directorate (CSIR)

5. Indo-EU collaborative Projects: An overview



Dr.S.G.Prakash Vincent, AIC

6. Marie Skłodowska-Curie Fellowship: Application Procedure
7. More than 100 funding programs from Austria-Belgium-Bulgaria-Czech Republic-Denmark-Estonia-Finland-France-Germany-Greece-Hungary-Ireland-Italy-Latvia-Lithuania-Luxembourg-Malta-Netherlands-Norway-Poland-Portugal-Romania-Slovakia-Slovenia-Spain-Sweden &United Kingdom

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17th September 2016

10 AM - 4 PM, Seminar Hall, IIIT
Naya Raipur, Chattisgarh
India

SPEAKERS

Organiser



Dr. S.G. Prakash
Vincent
Focal Point - EU H2020

- An Outlook on 100+ Research funding programs of EU nations like Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Netherland, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden.
- DBT & DST funding with HORIZON 2020



Dr. Pradeep K. Sinha
Vice-Chancellor & Director, IIIT-NR

- International perspectives of IIIT, Naya Raipur.



Ms. Ainhitze
Bizkarralegorra-Bravo
EURAXESS INDIA

- Why study or do research in Europe?
- Horizon 2020 - EU Research & Innovation Programme
- MSCA fellowships and ERC Grants
- EURAXESS-Researchers in Motion
- 4th EURAXESS Science Slam India



Dr. Sandrine MAXIMILIEN
Science & Technology Attaché
Embassy of France - Mumbai

- French Fellowships and Grants.



Prof. O. P. Vyas
Dean (Academic) IIIT-NR,
Focal Point - EU H2020

- European Research Collaborations



European Research Council
Established by the European Commission



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Prof. (Dr.) S. G. Prakash Vincent

Professor & Head

Centre for Marine Science and Technology (CMST)

Manonmaniam Sundaranar University

Rajakamangalam, KK Dist, TN. &

Chairman Associate (India) -BRICS

Biomed Consortium

Expected participants:

Students (UG&PG) & young researchers in
biotechnology & related field

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Transgenic Fishes in Drug Discovery and Opportunities for Entrepreneurship

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Speaker

Prof. S.G. Prakash Vincent

*HOD, Centre for Marine Science and Technology,
Manonmaniam Sundaranar University, TN*

*Mariecurie Fellow (EMBL)
Chairman Associate – BRICS Biomed Consortium*



Topics

- Zebrafish-Medaka as Vertebrate models- Advantages-Construction of Transgenic Vectors-Microinjection - In vivo live Confocal Imaging – In situ Hybridization –Antisense RNA based knock down- Stable Gene Knock outs
- Transgenic Fish models for Human Cancers, Organ toxicity, Angiogenesis, - High-throughput screening (HTS)
- Entrepreneurial prospects: Identifying novel human disease targets- Identification of human therapeutic drugs – Identification of novel peptides involved in organ growth-organ repair -prospects on mass production of Biologicals-Biosimilars in Transgenic Fish

For queries contact

Aleena Das
aleena@kiitincubator.in
+91 83760 69903

 **Sept 14, 2020**

 **11:00AM - 12:30PM**

www.kiitincubator.in

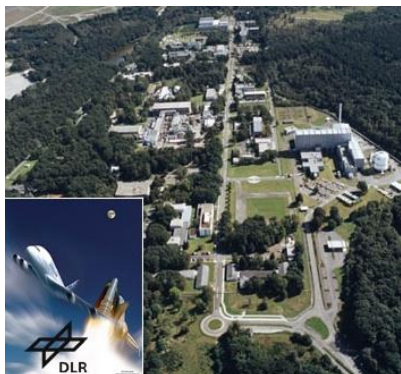
Academic & Sponsored Visits Abroad

	Countries visited	Purpose	Duration	From	To
1	Germany Switzerland	DAAD Fellow Research	9 months	06.04.1994	04.03. 1995
2	Germany France Belgium	DAAD Fellow Research	7 months	08.07. 1995	24.01. 1996
3	Thailand (Bangkok)	World Aquaculture Conference '96	1 week	28.01. 1996	04.02. 1996
4	Germany Belgium France	DAAD Fellow Research	7 months	19.06. 1996	26.12. 1996
5	England Scotland	1 st U.K Marine Biotechnology Conference	1 week	19.08. 1996	26.08. 1996
6	Germany	DAAD Revisit Programme	2 months	04.10.2001	28.11. 2001
7	Italy Austria	UNESCO Fellowship in Biotechnology	1 month	29.11. 2001	24.12. 2001
8	Belgium	European Research 2002 (FP6)	2 weeks	8.11. 2002	24.12. 2002
9	Germany	EMBO Fellow	9 months	25.11. 2002	26.07. 2003
10	France	Indo-French Nanobiotechnology & Genomics Meet	1 week	08.10. 2004	10.10. 2004
11	Greece	Training Programme on Methods in Nanobiotechnology	1 week	06.06.2005	10.06.2005
12	Germany	Mariecurie Fellow	24 months	15.12. 2004	25.11.2006
13	Singapore	Higher Education Summit	2 days	27.10. 2009	29.10. 2009
14	Russia	BRICS Biomed Meeting, TOMSK	7 days	15.6.2015	22.5.2015
15	Russia	BRICS Biomed Meeting, UFA	4 days	27.09.2017	30.09.2017
16	China	BRICS Biomed meeting, Chongqing & Shanghai	5 days	28.06.2018	03.07.2018
16	Switzerland	Meeting at Swiss Federal Res. Institute St. Gallen	1 day	07.09.2018	07.09.2018
17	Germany	Meeting at Frankfurt Innovation Centrum	1 day	11.09.2018	11.09.2018
18	China	BRICS Biomed meeting, Shanghai	5 days	7.04.2019	14.04.2019
19	Saudi Arabia	BRICS Investment Meet	7 days	5.10.2019	12.10.2019
20	China	BRICS Biomed Meeting, Shanghai	3 days	10.11.2019	13.11.2019
21	Poland, Slovakia Austria Germany	Institute of Plant Genetics, Polish Academy of Science, Poznan, Poland. MOU signing for collaboration with MS University Deep Tech Research Park	7 days	22.05.2023	29.04.2023

Descriptive Biodata of Dr.S.G.Prakash Vincent



Univ. of Bonn, Germany



DLR, German Aerospace Research Centre, Köln

In 1994, during my Ph.D research at University of Madras, Guindy Campus, I was selected as the topper in field of Biotechnology by Ministry of Human Resources Management, Govt. of India as DAAD Fellow (German Academic Exchange Fellow). I carried out my Ph.D work at University of Bonn, Germany. During my two and half years of Stay in Germany, I had learnt many advanced techniques. For a short time I had worked at the German Aerospace research Centre, Koln. This gave me an opportunity to look at my mother land in a different perspective. After my Ph.D research, I wanted to come back to India and play my role in the development of India. In 1997, I joined as a lecturer in Manonmaniam Sundaranar University.

Tamilnadu has high Intellectual capital and India has high Biodiversity (particularly Kanyakumari District). In 2001, I had



Univ. of Hamburg, Germany

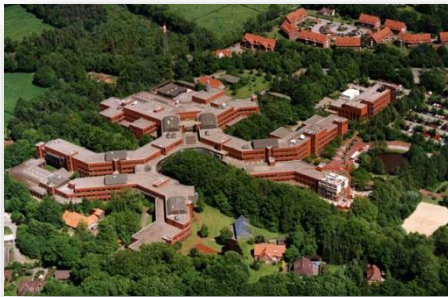
written a Department of Biotechnology, Govt of India to establish a Indian Institute of Biotechnology. Again in 2001 I visited Germany in a DAAD revisit programme. During this period I worked at University of Hamburg. During my European visits I used to go around Universities and visit different cities to understand more about their development.



In 2001, I was selected to receive UNESCO Fellowship In Biotechnology. I had training for a month (Nov,2001) in University of Bari, Italy on Mitogenomics. A complete training on sequencing of whole mitochondrial genomes was obtained.

University of Bari, Italy

In Aug 2002, I was selected as an EMBO Fellow, (European Molecular Biology Organisation) to carry out research in



Biotechnology. In a global level competition, I was one among the four young scientist invited to carry out my research at an European University, University of Oldenburg, Germany. I was getting trained at different Universities in Europe.

University of Oldenburg, Germany

In 2002, I was made as the Coordinator of Nanobiotechnology Programme of Manonmaniam Sundaranar University. At this time



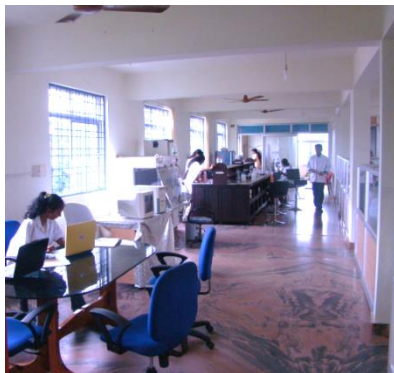
EU Office, Brussels

through internet I came to know that the European Union is going to inaugurate one of its high profile research funding programme the Sixth Frame Work Programme (FP6) with a research budget of 17 Billion Euros at EU, Brussels. I decided to participate in the programme to understand the perspective of Research in Europe. Eight thousand scientists from all over the world participated in the three day event. I participated in the programme by self sponsorship. I came in contact with many scientist and after the FP6 programme , I visited the European Commission office three days to have more interaction.



University of Leuven, Belgium

During my stay at Belgium, I was invited to deliver a lecture at University of Leuven, Belgium. This gave a very good boost to my idea. I could understand the different programme of the EU.



Xpression Biotech Pvt. Ltd

Established in 2004 at Marthandam, Kanniyakumari District, Tamilnadu, INDIA

In 2004, Dr. S.G.Prakash Vincent was the co-founder & Scientific Advisor of Xpression Biotech Pvt. Ltd. In 2008 Industry University Joint course , M.Sc in Nanobiotechnology was started at International Centre for Nanobiotechnology, CMST, MS University. Xpression Biotech Pvt. Ltd could be the first Startup in any Govt. University /Higher Education Institute in India.



In 2004, I competed for the prestigious MARIECURIE FELLOWSHIP of the European Commission Sixth Frame Work Programme (FP6). For young scientist around the globe this is a challenging fellowship with a funding of quarter a million USD. My project got grade 'A' and was funded. Probably I am the first MARIECURIE FELLOW from India.



Sophia-Antipolis Research Park , France

I was invited to delivery a lecture at Sophia-Antipolis Research Park at Niece, France. This gave me an overview of the functionalities of a research park. I was part of a 20 member delegation from India to France.

From 2004 – 2006, I carried my research at European Molecular Biology Laboratory, Heidelberg, Germany. EMBL is the top Institute in Europe with more than 800 scientist from 60 Nationalities. At EMBL



EMBL, Germany

I understood how scientist can mutually collaborate to bring out world class products. I could hit upon the different winning strategies in an European Institute.



DEMOKRITOS, Greece

In 2005, I had undergone a training Methods in Micro-Nanotechnology and Nanobiotechnology at DEMOKRITOS, Athens, Greece, which a premier Research Institute in Greece. In 2006, I finished the project at EMBL, Germany and returned to India.



In 2007, myself with four of European and one Mexican Scientist organised an International training programme on “DNA Microarray analysis and Applications’ in MS University. There were participants from eight countries.



In 2009, I organized the International course on ‘DNA Microarray and its Applications at ICN and trained scientist from 9 countries including many from India. For attending this training programme 1475 applicants from 30 countries had made their application from which 20 were selected.



Founder of International Centre for Nanobiotechnology (ICN), first of its kind in India. Started M.Sc in Nanobiotechnology and M.Tech in Nanobiotechnology as Industry-University Joint programmes in 2008. ICN has Alumni of 17 Nationalities. ICN focuses on Drug Discovery of Infectious diseases as MRSA And therapeutic biomolecules.



37

Aug. 2014, Dr. S.G. Prakash Vincent appointed as **FOCALPOINT** for Horizon 2020, the 70 Billion Euro Research funding programme of the European Commission (2014-2020).



In Oct. 2014, Dr. S.G. Prakash Vincent started AIC as a Research and educational nonprofit trust to foster International collaborations.



In Sept 2014, Dr.S.G.Prakash Vincent Appointed at Chairman Associate (India) For BRICS Biomed Consortium.



Jan 2015, receiving **NRI Award** from HE Mr. Michael Steiner Ambassador of Germany and Mr. Anand Sharma, Minister for Civil Aviation in the presence of British Deputy High Commissioner at Delhi.



In May 2105, Myself presenting proposal on BRICS Biomed – India, for research and Infrastructure funding to India at Indo-Russia delegation meeting at Tomsk, Russia



In Sept. 2016, made a presentation at Round Table meeting of BRICS Biomed Consortium in The even BRICS Summit 2016, New Delhi, India.



In June 2018, made a presentation at BRICS Biomed Consortia meeting at South-West University, Chongqing and Shanghai University of Medicine and Health Science, Shanghai China.



In Sept 2018, met with Dr. Christian Garbe, Managing Director of Frankfurt Innovation Centre, and discussed areas of collaboration at Frankfurt, Germany.



April 12, 2019, invited presentation at second BRICS Biomed Consortia meeting at Shanghai, China. Made presentation on establishing BRICS Biomedical Industrial Parks in China.



Oct. 10, 2019, Invited for BRICS Investment meet at Riyadh, Saudi Arabia. Visited King Abdullah Financial District (KAFD),
 · Where the upcoming BRICS Investment Bank (BIB) will be setup.



Nov.12, 2019, invited presentation at Third BRICS Biomed Consortia meeting at Shanghai Marriott, China. Presented Business Plan on “Oncopeutics” a Cancer drug production Startup in Shanghai. Elaborated the strategy of how 100 Scientists from the 6000+ Universities from Brazil, Russia, India, China and South Africa will be networked with Oncopeutics to make innovative cancer drugs.



Chief Guest at National Conference on “Emerging Trends in Algae” Nov. 28, 2019 at St. Xavier College, Tirunelveli, India.. Delivered a talk on high value products from Algae. Highlighted that Astaxanthine has a global market of USD 800 Million/year and St Xaviers college has the potential to have five Startups in Algae.



Jan 07, 2021. Started Marine Archeology Laboratory (MAL) in CMST, MS University. Main objective is to find scientific evidence of Sunken Kumarikandam or Lemuria Continent. Myself will serve as Director of Marine Archeology Laboratory as Director till 2026. Mr. Orissa Balu is the Advisor of MAL.



Nov.12, 2019, invited presentation at Third BRICS Biomed Consortia meeting at Shanghai Marriott, China. Presented Business Plan on "Oncopeutics" a Cancer drug production Startup in Shanghai. Elaborated the strategy of how 100 Scientists from the 6000+ Universities from Brazil, Russia, India, China and South Africa will be networked with Oncopeutics to make innovative cancer drugs.



In February 5, 2015 The Leading scientists of five countries, working with major universities clinics and having signed with their own country's government, supported by the Research Institute of Cardiology of Tonk National Research Medical Center (RUSSIA) initiative and signed the final agreement on the establishment of an international Consortium of international organizations and in the field of Biomedical Technologies (BRICS-Biomed) in a public-private partnership among the BRICS countries. During the period from 2016 to 2019, the Consortium, with the support of Government agencies of the BRICS countries, held important Multilateral meetings, Medical symposia in the, Russia, India, China, Philippines which showed a high interest of private and government structures in developmental projects.

As a result of the successful work of the BRICS-Biomed Consortium, a five-year work plan (2019-2024) was drafted and signed at Shanghai in 2019. One of the important aspects in a proposal to create the BRICS Investment Bank (BIB), which will support Infrastructure, Healthcare, Clean energy, Industrial developmental projects in BRICS and other Nations. Saudi Arabia was chosen as a destination to start with the BIB financial activity and important meetings were held and agreements were signed at Riyadh in Sept. 2019 in this aspect.

The Government of Kingdom of Saudi Arabia expressed its official of the BIB by issuing primary acceptance for a Royal Decree to start establishing BIB on its territory and once the license obtained the announcement will be by Royal decree officially. Enough space is also allotted to host the BIB infrastructure at King Abdullah Financial District (KAFFD) Riyadh, Kingdom of Saudi Arabia.

Currently, BIB is in the process of finding for equity investors for full scale establishment of BIB. Separate agreements will be concluded with all potential investors, which would guarantee a seat in the Board of BIB. Currently, the BIB Board members are four, three persons from BRICS Biomed Consortium and one person from the Saudi Royal Family (HRH PRINCE). A working group has been created, which is entrusted with starting the organizational work to create a BIB and attract investors. It includes:

- BRICS-Biomed (RUSSIA) Prof. Shamil Akhmedov
- +791 38205835; shamil@cardio-tonk.ru
- BRICS-Biomed (India) Prof. Dr. SAMUTIL GNANA PRAKASH, VINCENT
- +91 9442428248; prakash@msu.ac.in
- BRICS-Biomed (SOUTH AFRICA) Dr. Sibabele Calvin Ntsele
- +27 78 680 9435; siva@ntsele.com
- Dr. Omar is as representative of HRH Prince (His Royal Highness)
- +96654024935

On my behalf, I authorize the aforementioned Chairmen to conduct all negotiations related to the BIB organization

Sincerely,
HRH PRINCE ABDULAZIZ BIN ABDULLAH BIN SAUD BIN ABDULAZIZ AL SAUD.



In January 2022, Dr. Prakash Vincent selected as one among the four experts by His Royal Highness (HRH) Prince Abdulaziz Bin Abdullah Bin Saud Al-Saud (the Cousin of Crown Prince and the Grand son of Founder of Saudi Arabia) to establish BRICS BIOMEDICAL INVESTMENT BANK (BIB) in King Abdullah Financial District (KAFFD) Riyadh, Saudi Arabia. BIB will serve as a prime financial bridge between BRICS nations and rest of the world.



MS University
Research Park
Rajakamangalam,
INDIA

Nominated as Coordinator of MS Research Park, to be established at Rajakamangalam, Kanniakumari, INDIA in an area of 100 Acres.



Jan 26, 2024
Ref : 1/2024

To
Prof. Samuel Gnana Prakash Vincent
Chairman Associate (BRICS Biomed Consortium)
Coordinator, Manonmaniam Sundaranar University Research Park, TN, INDIA

The BRICS Biomed Consortia, which commenced its activities in 2015, seeks to connect biomedical scientists from BRICS and affiliated nations. One of its primary goals is to establish BRICS BIOMED Centres in each participating nation to foster innovative product development.

We hereby grant authorization to Professor Samuel Gnana Prakash Vincent, Coordinator of Manonmaniam Sundaranar University Research Park, to establish the BRICS BIOMED Centre at the University Research Park in Rajakkangalam, Kaniyakanur District, Tamilnadu, INDIA. Additionally, you are empowered to take the necessary measures to establish BRICS Biomed Centres in Bangalore, Hyderabad, and Noida, as per the decisions made during the meeting in New Delhi in October 2016.

The global biomedical market is projected to reach approximately 2.6 trillion USD by 2030. The consortium's primary areas of focus include 3D printing of human organs, drug discovery, implantable devices, gene therapy, molecular diagnostics, and more.

Thanking You

• BRICS (RUSSIA) Prof. Shamir Ahmedov
+79138205835, Shamir@cardio-tomsk.ru

In January 2024, I received an authorization letter from all the Chairmen of the BRICS Biomed Consortium to establish the BRICS Biomed Centre at MS University Research Park in Kaniyakanur. The main activity of the center will be to develop technology for 3D printing of human liver, pancreas, heart, kidney, and muscle by 2030.



On May 23, 2024, a Memorandum of Understanding (MOU) was signed with the Institute of Plant Genetics at the Polish Academy of Science in Poznań, Poland. This agreement led to the initiation of a deep tech startup named LIQUINA, which is based on a liquid nanofertilizer developed at the Institute. LIQUINA was bootstrapped with €4 million in funding from the European Commission H2020 program and Polish government grants.

Dr. S.G.Prakash Vincent

DAAD Fellow (Germany)

EMBO Fellow (Germany)

UNESCO Fellowship Awardee (Italy)

MARIECURIE Fellow (European Commission)

Aug , 2024