

Dear C-CAMP Friend,

Presenting the latest highlights of C-CAMP's cutting-edge research and innovation efforts from our Technology Platforms and Innovation and Entrepreneurship Programs.

C-CAMP #NewsYouCanUse Sept 2021 issue. Pick what you you need.

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HIGHLIGHT OF THE BULLETIN

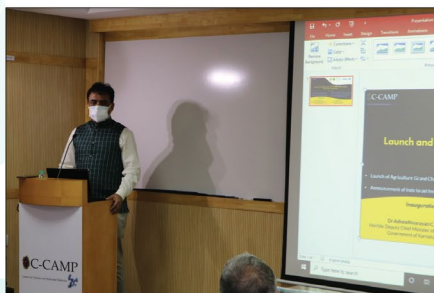


C-CAMP Launch and Showcase of High-Impact Innovation Programs



23rd July, 2021

- Launch of Agriculture Grand Challenges 2021
- Announcement of Indo Israel Innovation Bridge
- Unveiling of C-CAMP COVID-19 Innovations Compendium
- Handover of a Novel Vaccine Carrier Technology



Launch of C-CAMP Agriculture Grand Challenges by Hon'ble Minister of IT & BT, Govt. of Karnataka, Dr Ashwathnarayan C.N C-CAMP has announced the first nation-wide call for Agriculture Grand Challenges under its K-Tech CoE (Centre of Excellence) for Agri Innovation, a program supported by the Govt of Karnataka.

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PROGRAMS FOR INDIA'S FOOD SECURITY



First call of C-CAMP Agriculture Grand Challenges under KTech CoE for Agri Innovation now OPEN!

Up for grabs is investment of up to 25 lakhs per startup, incubation, mentorship and handholding support for solutions in point-of-care soil fertility testing, coffee pest control & shelf life enhancement of crops

Apply <https://bit.ly/3iSkdGz> by 30th September, 2021

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AGRICULTURE GRAND CHALLENGES

PROBLEM STATEMENTS

- A quick accurate affordable POC method for testing
a) macro/micro-nutrient in soil and/or plant tissue and
b) microbial diversity in soil
- Technology to increase the shelf life of produce and minimize post-harvest losses using chemical/biological/IR methods
- A technology for detection and treatment of white stem borer infestation in Coffee

Investment in Innovative STARTUPS with solutions/technologies to address these problem statements

SCOPE OF SUPPORT

Up to ₹ 25 Lakh Investment
Incubation, Mentorship and Handholding

For details, write to agri@ccamp.res.in
For more information, <https://www.ccamp.res.in/coe-agri>

SIIP
SOCIAL IMMERSION INNOVATION PROGRAM

C-CAMP
Centre for Cellular and Molecular Platforms

BIRAC
Bioscience Research Innovation Resource Centre

Sparsh
Special Interest Research Institute

An 18-month fellowship for individual Innovators to identify and bridge the gaps in the Indian FOOD & NUTRITION sector

Write to: siip@ccamp.res.in
Deadline: Sep 30, 2021

About
C-CAMP in partnership with BIRAC presents SIIP, an 18-month fellowship program to identify gaps in the Indian Food and Nutrition sector and bring solutions to the market, creating on-ground impact. <https://www.ccamp.res.in/see-d-funding-siip>

Highlights

- Fully funded fellowship with monthly stipend of Rs 50,000
- Rs 5 Lakhs mini kick start grant
- Clinical/Rural Immersion
- Access to C-CAMP network of Mentors
- Opportunities for funding on completion

Eligibility
Indian undergraduate (B.Tech, BE, MBBS) or postgraduate (MSc, MS, M.Tech, MPhil, MD) or PhD below 35 years from fields of Life sciences, Agriculture, Engineering, Medicine & Human biology are eligible to apply.

Call for C-CAMP Social Innovation Immersion Program SIIP in Food and Nutrition

Receive 18-months of fellowship of 50K INR and kick start grant of 5lakhs to identify & bridge gaps in India's Food & Nutrition sector.

Enable food security and quality nutrition for India's underserved. Drop us your email at <https://forms.office.com/r/ygXSCfJmfX> & for any handholding with your application.

Deadline - Sept 30th, 2021

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<https://www.ccamp.res.in/>

PANDEMIC MITIGATION EFFORTS



C-CAMP-InDx announces immediate availability of ICMR, CDSCO approved RT-PCR test kits, rapid Antigen/ Antibody testing kits and kit reagents for institutional buyers

Inviting government and private testing agencies and hospitals to connect directly with over 40 regulatory approved kit manufacturers on CCAMP-InDx marketplace.

Register here: <https://indx.ccamp.res.in>

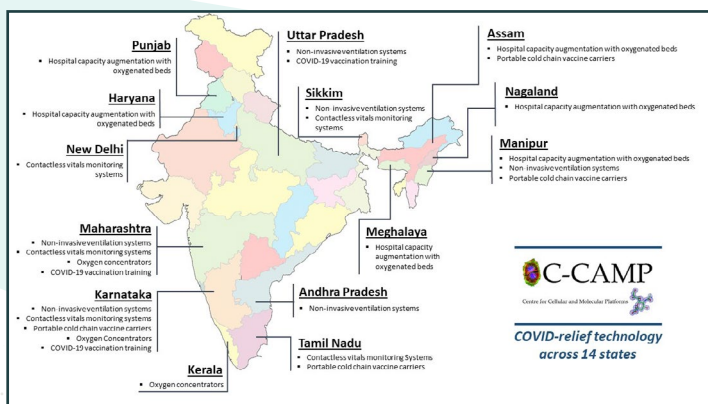
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COVID-WARRIORS

48 C-CAMP-InDx Companies with ICMR-CDSCO Approved Indigenous COVID-19 Diagnostics

Affigenix | Achira labs | Bhat Biotech | Biogenomics | Cosara | DNA Xperts | Epygen Biotech | Genes2me | Genepath | Genetix | Himedia | Huwel Lifesciences | Innodx | Karwa Enterprises | Labcare Diagnostics | Medsource | Mylab | Neodx | POCT | Svashmi Genotech | Tata Medical & Diagnostics | Transcience | Trivitron | Ubio | Aura Biotech | Biobharati Lifescience | Bioserve | Chromus Biotech | DSS Takara | Edna Biolabs | Genei | Innovasyth | Sapala | Sisco | Swagene | Vnir Biotech | Yaathum | Advy Chemical | Agappe | Pathkits | Premier Medical | Strumed | Vanguard | J Mitra | Advanced Microdevices | GeNext | Premas Biotech | Vision Bio



Enabling a pandemic-prepared India through state-of-the-art COVID technology and innovation

C-CAMP has deployed biomedical technologies for critical care, vaccination and hospital infrastructure augmentation in 14 states across India.

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C-CAMP-BIRAC COVID Fund has selected 3 promising Indian startups with life- saving COVID-19 innovations for scale up support

Innaccel and Biodesign Innovation labs in assisted respiratory devices category and Cardiac Design Labs in remote vitals monitoring.

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C-CAMP COVID FUND

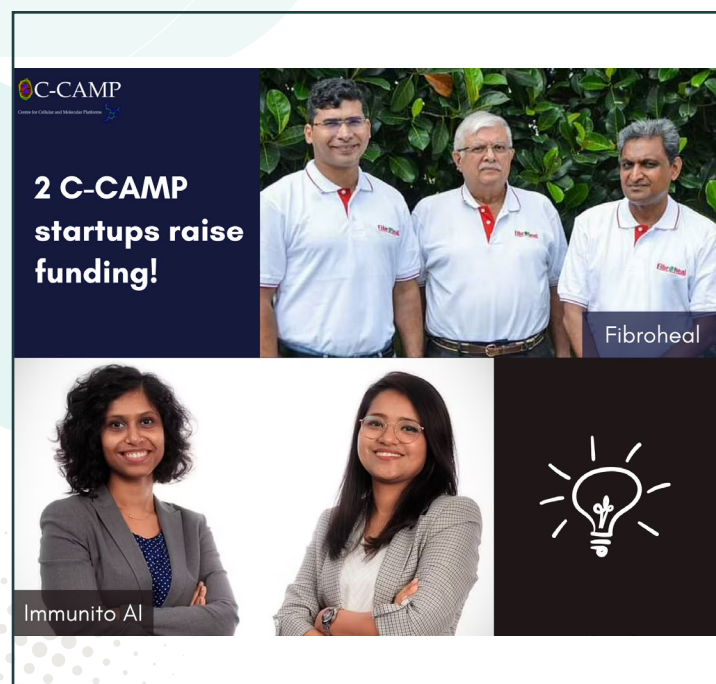
THE FIGHT IS NOT OVER YET.

A COVID-19 Special Funding Call For Scale Up And Deployment Of Your COVID Technology

In Partnership With ACT Grants And BIRAC


    funding@ccamp.res.in


STARTUP NEWS CORNER




C-CAMP
Center for Cellular and Molecular Platforms

2 C-CAMP startups raise funding!


Fibroheal


Immunito AI



C-CAMP startup Fibroheal has raised VC funding from Govt of Karnataka's venture fund, KITVEN

Funds will help ramp up manufacturing and delivery capabilities for their silk based complex woundcare management solution.

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New incubatee ImmunitoAI has raised \$1Million led by Pi Ventures

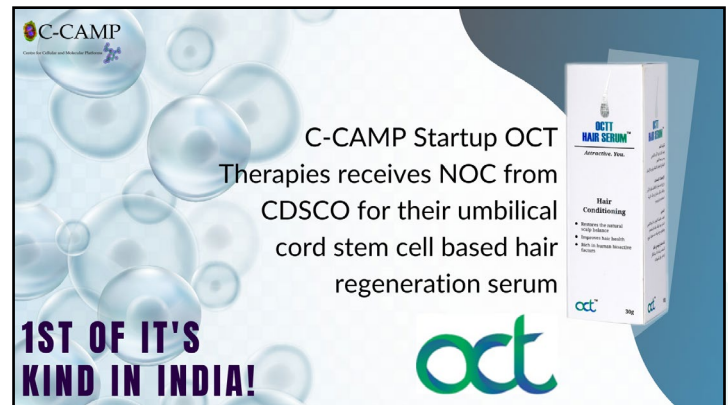
They are developing an AI-based antibody screening technology to identify best candidates for cancer and autoimmune disorders.

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C-CAMP startup regenerative therapy startup OCT Therapies receives CDSCO NOC for first-in-class stem-cell based cosmetic in India

Product is an umbilical cord-stem cell based Hair Regeneration Serum

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3 C-CAMP startups listed under Forbes Asia's top 100 companies in APAC to watch out for.

Log 9 Materials in climatetech, Qzense Labs in ag-ritech and Turtlesell Technologies in healthtech.

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TECHNOLOGY PLATFORM



C-CAMP portfolio startup **#Bugworks** publishes in **Nature Communications**, titled “**Structure and function relationship of Oqx_B efflux pump from *Klebsiella pneumoniae***”.

K. pneumoniae has shown to confer resistance against various antibiotics **#IndiaFightsAMR**.

Publication highlight! A Nature Communications paper by C-CAMP portfolio startup Bugworks on structure analysis & characterization of Oqx_B efflux pump in *Klebsiella*

Paper also identifies key amino acids in Oqx_B that facilitate pump-out of the fluoroquinolone class of antibiotics conferring antibiotic resistance. Work has been supported by C-CAMP Technology Platforms and bioincubation programs.

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Three hands-on virtual training programs on top-of-the-line Technology Platforms offered by C-CAMP

1. 6th Online Basic Image Analysis Course - Sept 27 to Sept 29, 2021

2. Online MicroCT Workshop - Oct 26, to Oct 27, 2021

[REGISTER HERE](#)

3. Online Course on Untargeted MS-based Metabolomics - Oct 28 to Oct 29, 2021

[REGISTER HERE](#)

Registrations still open for [2](#) and [3](#)

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