### Media Coverage







## New Delhi to Host First "Global Bio-India 2019" Summit from 21st – 23rd November

October 24, 2019



New Delhi: The Global Bio-India 2019, one of the largest biotechnology stakeholders conglomerate will be held for the first time in India at New Delhi from 21st to 23rd November, 2019. Announcing this at a Curtain Raiser in Delhi today, the Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, Dr. Harsh Vardhan said "India for the first time is hosting a mega event for the biotech community to attract investments, showcase our indigenous strengths and more importantly fuel the hopes and aspirations of the indigenous talent pool".

Speaking on the occasion, Dr Harsh Vardhan expressed India's continued commitment in scientific research, its translation and commercialization and laid emphasis on how this event would be a huge opportunity to showcase India's strength and build new partnerships and investment opportunities.

Echoing similar sentiments, Secretary, Department of Biotechnology (DBT), Dr.RenuSwarup stated "Biotech is one of the identified champion sectors in the Make in India 2.0. Our ambition for the event is to showcase the strength in the sector and let the world know India is the destination to invest".

A brochure of GlobalBio-India2019 was also released at the Curtain Raiser.

The DBT, Ministry of Science & Technology, Government of India along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC) is organizing this event.

The event has been structured to bring together stakeholders from 30 countries, 250 start-ups, 200 exhibitors. Central and State ministries, regulatory bodies, investors, totalling to 3500 participants is anticipated.

The event is expected to strengthen the indigenous research capabilities, bioentrepreneurship, investments and last-mile-delivery of technology across rural India and tier-2, 3 cities.

It is noteworthy to point that Biotechnology is recognized as the key driver for contributing to India's USD 5Tn economy target and is identified as one of the thrust areas for driving GDP growth of our country. India is positioned today at about USD51bn and is marching towards USD150bn.

The Summit assumes significances it is one of the largest biotechnology stakeholders conglomerate to be held in India for the first time.

TAGS Global Bio-India 2019

Link : https://indiaeducationdiary.in/new-delhi-to-host-first-global-bio-india-2019-summit-from-21st-23rd-november/



## New Delhi to host first 'Global Bio-India 2019' summit

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#### <u>Tehelka WebDesk</u>

October 25, 2019



The Global Bio-India 2019, one of the largest biotechnology stakeholders' conglomerate will be held for the first time in India at New Delhi from November21 to 23. Announcing this at a Curtain Raiser in Delhi on Thursday, Union Minister Dr Harsh Vardhan said, "India for the first time is hosting a mega event for the biotech community to attract investments, showcase our indigenous strengths and more importantly fuel the hopes and aspirations of the indigenous talent pool".

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The DBT, Ministry of Science & Technology, Government of India along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC) is organizing this event, the statement said.

The event has been structured to bring together stakeholders from 30 countries, 250 start-ups, 200 exhibitors. Central and State ministries, regulatory bodies, investors, totalling to 3500 participants is anticipated, it said.

The event is expected to strengthen the indigenous research capabilities, bioentrepreneurship, investments and last-mile-delivery of technology across rural India and tier-2, 3 cities, it added.

The Summit assumes significance as it is one of the largest biotechnology stakeholders conglomerate to be held in India for the first time.

Link: http://tehelka.com/new-delhi-to-host-first-global-bio-india-2019-summit/



# Global Bio-India Summit 2019 gears up to showcase the latest in Biotech

27 September 2019 | News



Biotechnology sector is recognized as the key driver for contributing to India's USD 5 Trillion economy target by 2024. As India progresses on this transformational journey, Global Bio-India 2019, the largest Bio event, would showcase opportunities in Indian Biotechnology sector to the world.

Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India and it's Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC) are organizing Global Bio-India Summit 2019 from 21-23 Nov in New Delhi, a mega international congregation of biotechnology stakeholders, including international bodies, regulatory bodies, Central and State Ministries, SMEs, large industries, bioclusters, research institutes, investors, and the startup ecosystem.

Global Bio India 2019 is going to deliberate on the opportunities and key challenges in the areas of bio-manufacturing, clinical trials & drug discovery, capacity-building, creating global supply chains for achieving a growth-oriented road-map for biotechnology sector in the country. Investors meeting, exhibition, webinars, hackathons, B2B meetings are few salient components of the event.

Global Bio-India 2019 would showcase key biotechnological innovations, products, services, technologies from national and international companies, start-ups and research institutes, identify funding and collaboration opportunities for research and development, explore licensing options for existing products, attracting major contract projects from international companies as well as major global venture funding into India and facilitate interactions of research institutions with the industry.

Link: <u>https://www.biospectrumindia.com/news/72/14782/global-bio-india-summit-</u>2019-gears-up-to-showcase-the-latest-in-biotech.html



## New Delhi to host first Global Bio-India Summit

New Delhi, Oct 24 (UNI) The Global Bio-India 2019, one of the largest biotechnology stakeholders conglomerate will be held for the first time in India at New Delhi from 21st to 23rd November 21 to 23.

Announcing this at a Curtain Raiser in Delhi on Thursday the Union Minister for Science and Technology Dr Harsh Vardhan said "India for the first time is hosting a mega event for the biotech community to attract investments, showcase our indigenous strengths and more importantly fuel the hopes and aspirations of the indigenous talent pool".

Speaking on the occasion, he expressed India's continued commitment in scientific research, its translation and commercialization and laid emphasis on how this event would be a huge opportunity to showcase India's strength and build new partnerships and investment opportunities.

Echoing similar view,Department of Biotechnology (DBT) Secretary Dr Renu Swarup stated "Biotech is one of the identified champion sectors in the Make in India 2.0. Our ambition for the event is to showcase the strength in the sector and let the world know India is the destination to invest".

At this occasion, a brochure of GlobalBio-India2019 was also released at the Curtain Raiser. The DBT, Ministry of Science and Technology along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC) is organizing this event, the official release of S&T Ministry said.

The event has been structured to bring together stakeholders from 30 countries, 250 start-ups, 200 exhibitors, Central and State ministries, regulatory bodies, investors, totalling to 3500 participants are anticipated in this Summit which would be one of the largest biotechnology stakeholders conglomerate to be held in India for the first time, the release added. UNI AKS JW2216

Link: http://www.uniindia.com/new-delhi-to-host-first-global-bio-indiasummit/india/news/1769816.html

# DownToEarth

# Guidelines released for evaluation of nano drugs

Nano-pharmaceuticals are expected to be of great use particularly in cancer treatment

**By Sunderarajan Padmanabhan** Last Updated: Thursday 24 October 2019



The Minister for Science and Technology, Earth Sciences and Health and Family Welfare, on October 24, 2019, released guidelines for evaluation of nano-pharmaceuticals, which are emerging as more potent tools for treating various diseases.

The document, which covers all the aspects of evaluation from the definition and categorisation of nano-pharmaceuticals to pharmacovigilance of the new set of therapeutics, has been prepared as a joint project by the Department of Biotechnology (DBT) in the Union Ministry of Science and Technology, and Indian Council of Medical

Research and Central Drugs Standard Control Organisation in the Union Ministry of Health and Family Welfare.

Nano-pharmaceuticals, which are derived by application of nanotechnology in medical therapeutics are expected to bring about a revolution in treatment strategies as they would enable targeting specific delivery of drugs and therapeutic molecules and thus offer higher efficacy and lower toxicity in many disease conditions. They are expected to be of great use particularly in cancer treatment.

Every year several new nano-pharmaceuticals are being developed and marketed across the world. India too has a sizable pool of nano-scientists generating large number of scientific publications in this domain. However, regulatory approval is the most important factor for translating laboratory research into bedside medicine. The new set of guidelines is designed to facilitate this process.

Noting that the document has been prepared by domain experts in consultation with representatives of the industry, Harsh Vardhan expressed confidence that it will give a big boost to innovators and drug manufacturers to optimise their research and come out with medicines that would be safer and more affordable.

Vardhan also announced that a three-day international conference will be organised by Department of Biotechnology and Confederation of Indian Industry here from November 21 to 23 in collaboration with the Association of Biotech-Led Enterprises and Biotechnology Industry Research Assistance Council, which is a public sector undertaking under DBT to showcase India's prowess in the area of biotechnology and help build new partnerships and investment opportunities.

Titled Global Bio-India 2019, the meet will deliberate on opportunities and challenges in the areas of bio-agriculture, bio-industry, bio-energy, bio-services and bio-pharma sectors. It will have several components including policy dialogues, an investors round table, a meeting of regulators across the world and an exhibition.

Secretary, DBT, Renu Swarup, Secretary, Department of Health Research and Director General, Indian Council of Medical Research, and Balram Bhargava, and Drugs Controller General of India, VG Somani, hoped that the Indian pharmaceutical sector would make the best use of the guidelines in their work.(**India Science Wire**)

Link: https://www.downtoearth.org.in/news/health/guidelines-released-forevaluation-of-nano-drugs-67417



# India hosting first mega-event for biotech community: Dr. Harsh Vardhan

The DBT, Ministry of Science & Technology, Government of India along with it's Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC) is organizing this event.

Devdiscourse News Desk



It is noteworthy to point that Biotechnology is recognized as the key driver for contributing to India's USD 5Tn economy target and is identified as one of the thrust areas for driving the GDP growth of our country. Image Credit: Twitter(@PIB\_India)

The <u>Global Bio-India</u> 2019, one of the largest <u>biotechnology</u> stakeholders conglomerate will be held for the first time in India in New Delhi from 21st to 23rd November 2019. Announcing this at a Curtain Raiser in Delhi today, the Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, <u>Dr. Harsh Vardhan</u> said "India for the first time is hosting a mega event for the biotech community to attract investments, showcase our indigenous strengths and more importantly fuel the hopes and aspirations of the indigenous talent pool".

Speaking on the occasion, <u>Dr. Harsh Vardhan</u> expressed India's continued commitment to <u>scientific research</u>, its translation and commercialization and laid emphasis on how this event would be a huge opportunity to showcase India's strength and build new partnerships and <u>investment</u> opportunities.

Echoing similar sentiments, Secretary, Department of Biotechnology (DBT), Dr. Renu Swarup stated "Biotech is one of the identified champion sectors in the <u>Make in</u> <u>India</u> 2.0. Our ambition for the event is to showcase the strength in the sector and let the world know India is the destination to invest".

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The event is expected to strengthen the indigenous research capabilities, bioentrepreneurship, investments and last-mile-delivery of technology across rural India and tier-2, 3 cities.

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The Summit assumes significance as it is one of the largest <u>biotechnology</u> stakeholders conglomerate to be held in India for the first time.

(With Inputs from PIB)

Link: <u>https://www.devdiscourse.com/article/science-environment/719464-india-hosting-first-mega-event-for-biotech-community-dr-harsh-vardhan</u>



# Global Bio-India 2019: Delhi set to host mega biotech show in November

To be held on 21-23 November at New Delhi, 'Global Bio-India 2019' is expected to draw about 3500+ delegates from across the globe connecting the Indian Biotechnology ecosystem with the International one

By Rahul Koul -October 25, 2019



*New Delhi:* For the first time in India, a highly focused event to showcase the country's remarkable achievements in the area of biotechnology has been conceptualized by the top government agencies. Titled 'Global Bio-India 2019', the conference is set to be held from 21- 23 November 2019 at New Delhi by the Department of Biotechnology (DBT), Ministry of Science and Technology along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC) in partnership with Confederation of Indian Industry (CII), Association of Biotech Led Enterprises (ABLE) and Invest India.

The mega biotechnology focused event is expected to help build new partnerships and investment opportunities amidst the participation of stakeholders from across the globe.

Providing a peep into what to expect at the event next month, the DBT held a Curtain Raiser event for Global Bio-India 2019 on 24th October 2019 at New Delhi. Dr Harsh Vardhan, Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare was the Chief Guest on this occasion. Present among various dignitaries were Dr Renu Swarup, Secretary, Department of Biotechnology along with Dr Balram Bhargava, Secretary, Department of Health Research and Director General, Indian Council of Medical Research, and Dr S Eswara Reddy, Joint Drugs Controller (India).

Speaking at the event, Dr Harsh Vardhan recalled the words of the former prime minister of India, Atal Bihari Vajpayee who had famously said, 'If the IT is India Today, then the BT is Bharat Tomorrow'. The minister pointed out the remarkable work on new vaccine development in the country for the last few decades. He was nostalgic about how India made a significant progress on polio eradication despite challenges. Dr Vardhan highlighted the new regulatory reforms and improvements for ease of doing business in the last few years. He expressed hope that the event will be a major success and achieve its purpose in a grand way.

Dr Renu Swarup, Secretary, DBT in her address listed out the importance of such events. "The target of a \$100 billion bio-industry by 2025 may appear huge but all the stakeholders have been constantly working towards achieving it. Events such as these help in providing inspiration besides learning opportunities for consolidating efforts," she said.

The biotechnology sector is recognized as one of the key drivers for contributing to India's economy target of USD 5 Trillion by 2024 and is poised to grow exponentially over the next decade. India is among the top-12 destinations for biotechnology in the world valued at USD 51 Billion during 2018-19.

Recognizing the importance of this sector, Global Bio-India 2019 would deliberate on the opportunities and key challenges in the areas of Bio-pharma, Bio-Agri, Bio-Industrial, Bio-Energy and Bio-Services sectors. Salient components of Global Bio-

India 2019 would include events such as Bio-partnering, Policy dialogues, CEO Roundtable, Global Regulators Meet, Investors Roundtable, Exhibition/ Pavilion including Country, Ministries, Departments, States, Startups, and others.

The event is expected to draw about 3500+ delegates from across the globe connecting the Indian Biotechnology ecosystem with the International ecosystem. This mega international congregation of biotechnology stakeholders, including international bodies, regulatory bodies, central and state ministries, large industries, SMEs, innovation clusters, research institutes, investors, startup ecosystem and others.

Globally, a large number of such events are organized in which Indian Biotech Industry, scientists, entrepreneurs, academia showcases their innovation. Time is apt for India to showcase to the world our biotech sector prowess, the growth potential for the ecosystem to scale and become a global hub for innovation and manufacturing.

Given the Government's renewed commitment to scientific research, its translation, and commercialization, this event is expected to be a huge opportunity to showcase India's strength and build new partnerships and investment opportunities.

The event is expected to strengthen the indigenous research and development capabilities, bio-entrepreneurship, investments at Centre and State level, and integration of innovative affordable products and technologies for the last-mile-delivery across India including tier-2, 3 cities, and rural areas.

Link: <u>https://www.biovoicenews.com/global-bio-india-2019-delhi-set-to-host-mega-biotech-show-in-november/</u>



# "Global Bio-India 2019" Summit to be held in New Delhi

By Devanshu Kaushik -

October 26, 2019



The **Global Bio-India 2019** will be held for the first time in India in **New Delhi** from 21st to 23rd November, 2019. It is one of the largest biotechnology stakeholders integration programme. India is hosting this mega event for the biotech community to attract investments and showcase our indigenous strengths and aspirations of the indigenous talent pool. A **brochure** of **GlobalBio-India 2019** was also released at the Curtain Raiser ceremony.

The **DBT**, **Ministry of Science & Technology**, Government of India will organize the event with **Biotechnology Industry Research Assistance Council.** The Summit is one of the largest biotechnology stakeholders conglomerate to be held in India for the first time. The event will bring together stakeholders from 30 countries, 250 start-ups, and 200 exhibitors.

### Source: The Press Information Bureau

Link: <u>https://currentaffairs.adda247.com/global-bio-india-2019-summit-to-be-held-in-new-delhi/</u>

## **News Bharti**

## **Global Bio-India 2019: India for the first time to host one of the largest biotechnology summit**

News Bharati 25-Oct-2019

**New Delhi, October 25:** India for the first time is hosting a mega event named '**Global Bio-India 2019**' to fuel the hopes and aspirations of the indigenous talent pool. Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, Dr. Harsh Vardhan announced this yesterday. The event will be held from November 21 to 23 in New Delhi. A brochure of **Global Bio-India 2019** was also released at the Curtain Raiser.



The Summit assumes significance as it is one of the largest biotechnology stakeholders conglomerate to be held in India for the first time. The event has been structured to bring together stakeholders from 30 countries, 250 start-ups, 200 exhibitors. Central and State ministries, regulatory bodies and investors. The event is expected to strengthen the indigenous research capabilities, bio-entrepreneurship, investments and last-mile-delivery of technology across rural India and tier-2, 3 cities.

Speaking on the occasion, Dr Harsh Vardhan expressed India's continued commitment in scientific research, its translation and commercialization and laid emphasis on how this event would be a huge opportunity to showcase India's strength and build new partnerships and investment opportunities.

Dr. Renu Swarup, Secretary, Department of Biotechnology (DBT) stated that Biotech is one of the identified champion sectors in the Make in India 2.0. Our ambition for the event is to showcase the strength in the sector and let the world know India is the destination to invest.

Link: <u>https://www.newsbharati.com/Encyc/2019/10/25/Global-</u> Bio-India-.html



## Global Bio-India 2019 Summit : held in New Delhi first time

S days ago • Add Comment

Global Bio-India 2019 Summit : held in New Delhi first time



Global Bio-India 2019 is one of the largest biotechnology stakeholders conglomerate.

Announcing this at a Curtain Raiser in Delhi today,

the Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, said :- India for the first time is hosting a mega event for the biotech community to attract investments, showcase our indigenous strengths and more importantly fuel the hopes and aspirations of the indigenous talent pool which help to india to became a \$5 trillion country in world.

The Age of Industrialisation Class 10 Notes - Board CBSE

- First-ever Global Bio-India 2019 Summit
- Held at New Delhi
- on 21 to 23 November, 2019.
- First time that India will host a mega event.

In Curtain Raiser :- brochure of Global Bio-India 2019 was released :-

india taken this as a huge opportunity to showcase India's strength and build new partnerships and investment opportunities with the other countries and their company.

#### Objective :-

- first of all to Identify funding
- they want to collaboration opportunities for research and Development
- increase the major project form forign countries
- boost the bio-agriculture, bio-energy, bio-industrial, biomanufacturing, bio-services sector by the trend.
- increase the research inistitution in india thrugh interactiona and their facilities

- 1. first step to bring together stakeholders from the amny coluntrules and their star-up and lexhibitors.
- Number of countries :- 30 countires aprticipate and 250 start-up comapny stand and 200 exibitors together work at the same platform.
- 3. keep in mind :- Central and State ministries, regulatory bodies, investors, totalling to 3500 participants is anticipated in this summit.

#### Global Bio-India 2019

 Biotechnology sector is recognized as the key driver for contributing to India's USD 5 Trillion economy target by 2024. As India progresses on this transformational journey, Global Bio-India 2019, the largest Bio event, would showcase opportunities in Indian Biotechnology sector to the world.

Link: <u>https://firstclasseducational.com/global-bio-india-2019-summit-held-in-new-delhi-first-time/cgl/25/</u>



## First Global Bio-India 2019 to be hosted in Delhi

Global Bio-India 2019 would deliberate on the opportunities and key challenges in the areas of bio-pharma, bio-agri, bio-industrial, bio-energy and bio-services sectors

#### By EP News Bureau On Oct 25, 2019



The Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, along with its Public Sector Undertaking (PSU), Biotechnology Industry Research Assistance Council (BIRAC) is organising Global Bio-India 2019 from 21-23 November, 2019 at Aerocity, New Delhi, in partnership with Confederation of Indian Industry (CII), Association of Biotech Led Enterprises (ABLE) and Invest India.

Recognised as one of the key drivers for contributing to India's economy target of \$5 trillion by 2024, the biotechnology sector is poised to grow exponentially over the next

decade. Policy initiatives of the Government of India (GoI), such as 'Make in India' programme, are aimed at developing India as a world-class biotechnology innovation and bio-manufacturing hub. India is among the top-12 destinations for biotechnology in the world valued at \$51 billion during 2018-19.

Speaking at the curtain-raiser of the event at the Ministry of Earth Sciences (MoES) in New Delhi, Union Minister for Science and Technology, Earth Sciences and Health and Family Welfare, Dr Harsh Vardhan, said, "India for the first time is hosting a mega event for the biotech community to attract investments, showcase our indigenous strengths and more importantly, fuel the hopes and aspirations of the indigenous talent pool."

Global Bio-India 2019 would deliberate on the opportunities and key challenges in the areas of bio-pharma, bio-agri, bio-industrial, bio-energy and bio-services sectors. Some of the components of Global Bio-India 2019 would be events such as bio-partnering, policy dialogues, CEO roundtable, global regulators meet, investors roundtable, exhibition/pavilion including countries, ministries, departments, states, startups and others.

Also present at the occasion, Dr Renu Swarup, Secretary, DBT, stated, "Biotech is one of the identified champion sectors in the 'Make in India 2.0.' Our ambition for the event is to showcase the strength in the sector and let the world know that India is the destination to invest."

A brochure of Global Bio-India 2019 was released at the event, along with the 'Guidelines for Evaluation of Nanaopharmaceuticals in India.'

Speaking on the guidelines, Dr S Eswara Reddy, Joint Drugs Controller, said, "There is a huge potential to come up to develop the technology to reduce the toxicity and to improve the efficacy of the existing drugs that will lead to benefits in this area. In this connection, the DBT, in consultation with the Indian Council of Medical Research (ICMR) and Central Drugs Standard Control Organisation (CDSCO), has come up with the guidelines for the evaluation of the nanopharmaceuticals. As on date, we don't have a clearly defined regulatory pathway for the approval of nanopharmaceuticals. With these guidelines, I am sure the industry, innovators as well as regulators will help us for commercialisation of any information with respect to nanopharmaceuticals."

Global Bio-India 2019 is expected to draw nearly more than 3,500 delegates from across the globe

connecting the Indian biotechnology ecosystem with the international ecosystem. Further, the event is expected to strengthen the indigenous research and development capabilities, bio-entrepreneurship, investments at centre and state level and integration of innovative affordable products and technologies for the last-mile-delivery across India, including tier II and tier III cities and rural areas.

BIRACDepartment of BiotechnologyMinistry of Earth Sciences

Link: <u>https://www.expresspharma.in/latest-updates/first-global-bio-india-</u> 2019-to-be-hosted-in-delhi/

## Drug Today

# Dr Harsh Vardhan releases guidelines on nanopharmaceuticals

- October 24, 2019



Dr Harsh Vardhan releasing guidelines on nanopharmaceuticals

#### BS RAWAT

NEW DELHI : In a move to boost Nanobiotechnology, Union Health Minister Dr Harsh Vardhan has released India's first guidelines for evaluation of Nanopharmaceuticals in New Delhi.

On the occasion, Dr Vardhan also announced a curtain raiser for the 3-day Global Bio-India-2019 to be held in New Delhi from November 21, 2019.

The guidelines were prepared by the Department of Biotechnology in association with the Indian Council of Medical Research and the Central Drugs Standard Control Organization.

The Secretary, Department of Biotechnology, Ms. Renu Swarup, Director General ICMR. Dr Balram Bhargava and other dignitaries were present on the occasion.

Dr Vardhan stated, "The Guidelines will provide transparent pathways for nano pharmaceuticals. These are containing nanomaterials intended for internal or external application on the body for the purpose of therapeutics, diagnostics and any health benefit."

Dr Balram Bhargava remarked, "Nanopharmaceuticals can be targeted to the site of the disease using the nanocarriers. They improve the safety and potency of certain drugs by lowering its dose and, thereby, reducing toxicity."

At the Global Bio-India, 3500 delegates representing a cross section of stake holder organizations from public and private sector are expected. A significant international presence from 30 plus countries is also expected.

Link: <u>http://www.drugtodayonline.com/medical-news/latest/9976-dr-harsh-</u>vardhan-releases-guidelines-on-nanopharmaceuticals.html



# New guidelines released for nano drugs evaluation

Sunderarajan Padmanabhan New Delhi | Updated on October 24, 2019 Published on October 24, 2019



File photo - Bloomberg

The Minister for Science and Technology, Earth Sciences and Health and Family Welfare, today released guidelines for evaluation of nano-pharmaceuticals, which are emerging as more potent tools for treating various diseases.

The document, which covers all the aspects of evaluation from the definition and categorisation of nanopharmaceuticals to pharma covigilance of the new set of therapeutics, has been prepared as a joint project by the Department of Biotechnology in the Ministry of Science and Technology, and Indian Council of Medical Research and Central Drugs Standard Control Organisation in the Ministry of Health and Family Welfare.

Nano-pharmaceuticals, which are derived by application of nanotechnology in medical therapeutics are expected to bring about a revolution in treatment strategies as they would enable target specific delivery of drugs and therapeutic molecules and thus offer

higher efficacy and lower toxicity in many disease conditions. They are expected to be great use particularly in cancer treatment.

Every year several new nano-pharmaceuticals are being developed and marketed across the world. India too has a sizable pool of nano-scientists generating large number of scientific publications in this domain. However, regulatory approval is the most important factor for translating laboratory research into bedside medicine. The new set of guidelines is designed to facilitate this process.

Noting that the document has been prepared by domain experts in consultation with representatives of the industry, Dr. Harsh Vardhan expressed confidence that it will give a big boost to innovators and drug manufacturers to optimise their research and come out with medicines that would be safer and more affordable.

Dr. Harsh Vardhan also announced that a three-day international conference will be organised by Department of Biotechnology and Confederation of Indian Industry here from November 21 to 23 in collaboration with the Association of Biotech-Led Enterprises (ABLE) and Biotechnology Industry Research Assistance Council (BIRAC), which is a public sector undertaking under DBT to showcase India's prowess in the area of biotechnology and help build new partnerships and investment opportunities.

Titled Global Bio-India 2019, the meet will deliberate on opportunities and challenges in the areas of bio-agriculture, bio-industry, bio-energy, bio-services and bio-pharma sectors. It will have several components including policy dialogues, an investors round table, a meeting of regulators across the world and an exhibition.

Secretary, Department of Biotechnology, Dr. Renu Swarup, Secretary, Department of Health Research and Director General, Indian Council of Medical Research, and Dr. Balram Bhargava, and Drugs Controller General of India, Dr.V.G.Somani, hoped that the Indian pharmaceutical sector would make the best use of the guidelines in their work.

### (India Science Wire)

**Link:** <u>https://www.thehindubusinessline.com/news/science/new-guidelines-</u> released-for-nano-drugs-evaluation/article29786676.ece