

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH RESEARCH**

**LOK SABHA
UNSTARRED QUESTION NO. 33
TO BE ANSWERED ON 15TH DECEMBER, 2017**

STEM CELL RESEARCH

33. DR. KIRIT SOMAIYA:

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) whether any guidelines are in place to regulate stem cell research in the country and take care of the violation of rules and regulations, if so, the details thereof;
- (b) whether any case of violation of existing norms has come to the notice of Government, if so, the action taken by the Government in this regard;
- (c) the details of the progress in stem cell research in the country during the last five years;
- (d) the details of the hospitals/ institutions/research organisations where stem cell research and therapy are available in the country; and
- (e) the measures being taken by the Government to encourage stem cell research and therapy for the benefit of critically ill patients?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND
FAMILY WELFARE
(SMT. ANUPRIYA PATEL)**

- (a): Yes. “National Guidelines for Stem Cell Research, 2017” have been issued on 12/10/2017.
- (b): Yes. Such violation have come into notice through media, in addition to other complaints/ representations. These issues have been taken-up with Medical Council of India (MCI), Indian Medical Association (IMA), Central Drugs Standard Control Organisation (CDSCO), and Directorate General of Health Services (DGHS) for redressal from time to time.
- (c) : 50 projects/fellowships have been funded and establishment of centre for Advanced Research in hepatocyte progenitor cell isolation and transplant at Chennai, has been supported. A pilot study has also been undertaken at Dr. R.P. Centre for Ophthalmic Sciences, All India Institute of Medical Sciences (AIIMS), New Delhi.
- (d) : A list of hospitals/institutions/research organisations is **annexed**.
- (e) : To encourage stem cell research and therapy, various projects, task forces are supported by the Indian Council of Medical Research (ICMR). Also, the Department of Biotechnology (DBT) supports the programme ‘Stem Cells and Regenerative Medicine’ to promote basic and translational research in the area.

Annexure

| S. No. | Institution involved in stem cell research |
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| 1. | Eyestem Research Private Limited, Bangalore |
| 2. | Dr. D.Y. Patil Dental College and Hospital, Pune |
| 3. | Central University of Kerala, Kerala |
| 4. | SOLO STEMCELLS- Research and Application Centre, Pune |
| 5. | Indian Spinal Injuries Centre, New Delhi |
| 6. | Transcell Biologics Pvt. Ltd., Hyderabad |
| 7. | Yenepoya University, Mangalore |
| 8. | Dr. Mahajan's Hospital & Industrial Trauma Centre (ITC), Navi Mumbai |
| 9. | Indian Institute of Technology, Indore |
| 10. | Medanta- The Medicity, Gurgaon |
| 11. | OCT Therapies and Research Pvt. Ltd., Mumbai |
| 12. | Frontier Lifeline Hospital, Chennai |
| 13. | EmProCell Clinical Research Pvt. Ltd., Mumbai |
| 14. | Stempeutics Research Pvt. Ltd., Bengaluru |
| 15. | Regenerative Medical Services Pvt. Ltd., Mumbai |
| 16. | Asian institute of Gastroenterology, Hyderabad |
| 17. | Reliance Life Sciences Pvt. Ltd., Mumbai |
| 18. | Stanley Medical College, Chennai |
| 19. | SRM University, Kancheepuram |
| 20. | Symbiosis School of Biomedical Sciences, Pune |
| 21. | Institute for Stem Cell Biology and Regenerative Medicine (inStem), Bangalore |
| 22. | National Centre for Biological Sciences (NCBS), Bangalore |
| 23. | Armed Forces Medical College (AFMC), Pune |
| 24. | Nitte University, Mangalore |
| 25. | Vision Research Foundation, Chennai |
| 26. | Pt. J.N.M Medical College, Raipur |
| 27. | School of Regenerative Medicine, Manipal University, Bangalore |
| 28. | National Centre for Cell Sciences, Pune |
| 29. | Malabar Institute of Medical Sciences Ltd., Kozhikode |
| 30. | L.V. Prasad Eye Institute, Hyderabad |
| 31. | Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore |
| 32. | Centre for Cellular and Molecular Biology, Hyderabad |
| 33. | Christian Medical College, Vellore |
| 34. | National Institute for Research in Reproductive Health, Mumbai |
| 35. | KIMS Foundation and Research Center, Secunderabad |
| 36. | Sawai Man Singh Medical College, Jaipur |
| 37. | Bhabha Atomic Research Centre, Mumbai |
| 38. | Institute of Nuclear Medicine and Allied Sciences (INMAS), Delhi |
| 39. | Saiseva Biotech Pvt. Ltd., Satara |
| 40. | Chaitanya Hospital, Pune |
| 41. | LifeCell International Pvt.Ltd., Chennai |
| 42. | Ree Laboratories Pvt. Ltd., Mumbai |
| 43. | Wockhardt Hospitals, Mumbai |

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| 44. | Indian Institute of Technology, Mumbai |
| 45. | Advanced Centre for Treatment Research and Education in Cancer (ACTREC), Mumbai |
| 46. | Cryo-Save (India) Private Limited, Bangalore |
| 47. | HiMedia Laboratories Pvt. Ltd., Mumbai |
| 48. | National Institute of Pathology (NIOP), Delhi |
| 49. | Indian Institute of Sciences, Bangalore |
| 50. | Cellugen Biotech Pvt. Ltd., Gurgaon |
| 51. | Sree Chitra Tirunal Institute for Medical Sciences and Technology, Kerala |
| 52. | Indian Institute of Science Education and Research (USER), Kolkata |
| 53. | Smt. G.R. Doshi and Smt. K.M. Mehta Institute of Kidney Diseases and Research Centre and Dr H L Trivedi Institute of Transplantation Sciences (IKDRC-ITS), Ahmedabad |
| 54. | Narayana Medical College, Nellore |
| 55. | Apollo Hospitals, Apollo Hospitals Enterprise Limited, Chennai |
| 56. | Total Potential Cell Pvt. Ltd., Baroda |
| 57. | Centre for Biotechnology, Anna University, Chennai |
| 58. | Chennai Dental Research Foundation, Chennai |
| 59. | Institute of Liver and Biliary Sciences, Delhi |
| 60. | D. Y. Patil University, Kolhapur |
| 61. | Indian Institute of Engineering Science and Technology (IEST), Shibpur |
| 62. | Chennai Dental Research Foundation, Chennai |
| 63. | Trichy institute of Regenerative Medicine, Trichy |
| 64. | Narayana Nethralya, Bangalore |
| 65. | Indian Institute of Engineering Science and Technology, Shibpur |
| 66. | Birla Institute of Technology and Science Pilani, Goa Campus |
| 67. | Western Railway Hospital, Baroda |
| 68. | Centurion Laboratories Pvt. Ltd., Baroda |
| 69. | University of Hyderabad, Hyderabad |
| 70. | Madras Diabetes Research Foundation, Chennai |
| 71. | Veer Surendra Sai Institute of Medical Science and Research, Burla |
| 72. | Trichy Institute of Regenerative Medicine, Trichy |
| 73. | Kokilaben Dhirubhai Ambani Hospital and Medical Research Institute, Mumbai |
| 74. | Amity University, Noida |
| 75. | Era's Lucknow Medical College & Hospital, Lucknow |
| 76. | SASTRA University, Tamil Nadu |
| 77. | Maratha Mandai's Nathajirao G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi |
| 78. | National Institute of Mental Health and Neurosciences, Bangalore |
| 79. | KRM Hospital and Research Centre, Lucknow |
| 80. | Indian Institute of Technology, Hyderabad |
| 81. | Siddhivinayak Healthcare General Hospital and ICU, Mumbai |
| 82. | All India Institute of Medical Sciences, New Delhi |
| 83. | Sri Ramachandra University, Chennai |
| 84. | Pondicherry Central University, Puducherry |
| 85. | Saarum Science Private Limited, Hyderabad |

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| 86 | Datt Mediproducts Ltd., Delhi |
| 87. | Vellore Institute of Technology (VIT) University, Vellore |
| 88. | Prasad Research Foundation, Telagana |
| 89. | Yashraj Biotechnology Ltd., Mumbai |
| 90. | National Institute of Immunology, Delhi |