



## **Memorandum of Understanding**

Between

**Bhabha Atomic Research Centre, Mumbai**

And

**Indian Institute of Science Education and  
Research, Pune (Maharashtra)**

For

**Collaborative R & D Programme**

On

**To develop CRISPR mediated gene knockouts  
in mice for bio-medical applications**

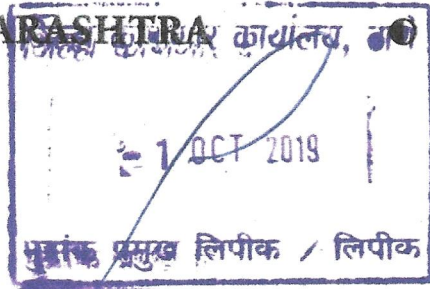
January, 2020



3 OCT 2019

महाराष्ट्र MAHARASHTRA कार्यालय, ठाणे 2019

VT 325280



## To Develop CRISPR Mediated Gene Knockouts in Mice for Bio-medical Applications

This MoU is made on this .....day of ..... in the year .....

BETWEEN

Bhabha Atomic Research Centre (BARC) situated at Trombay, Mumbai- 400085 (hereinafter called BARC, which expression shall include its successors and assigns), on the first part.

AND

Indian Institute of Science Education and Research, Dr. Homi Bhabha Road, Pashan, Pune 411 008 (Maharashtra) (hereinafter called (IISER), which expression shall include its successors-in-interest and assigns) on the second part.

डॉ. वी.पी. वेणुगोपालन / Dr. V.P. Venugopalan  
निदेशक / Director  
जैव-विज्ञान वर्ग / Bio-Science Group  
भाभा परमाणु अनुसंधान केंद्र / Bhabha Atomic Research Centre

In case it is found by the two parties that the desired objectives cannot be achieved due to any reason(s) whatsoever this MoU will be treated as terminated by a mutually agreed procedure without any liability on either of the party.

### 17. FORCE MAJEURE

Neither party shall be held responsible for non-fulfillment of their respective obligation under this agreement due to the exigency of one or more of the forcemajeure events such as but not limited to Acts of God, War, Flood, Earthquakes, Strike(s), Lockout(s), Epidemics, Riots, Civil commotion etc. provided on occurrence and cessation of such events, the party affected by these shall give a notice in writing o the other party within one month of such occurrence and cessation. If the majeure conditions continue beyond six months, the parties shall then mutually decide about the future course of action.

### 18. ARBITRATION

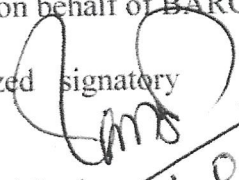
" If any dispute arises between the two parties to this MoU regarding implementation of the terms of the MoU or any other matter incidental to or connected with the subject matter of the MoU, such dispute shall be resolved as far as possible amicably by mutual consultations, failing which, a reference may be made first to the Director of BARC and Director, IISER by either party and, in case of no solution to the machinery of arbitrators, secretary, Legal Affairs, Government of India as a measure of last resort, as per the latest Government Instructions in this regard. The decision shall bind the parties finally and conclusively and the parties will share equally the cost of arbitration as intimated by the arbitrator."

In witness whereof the parties hereto have executed the MoU through their authorized representatives.

For and on behalf of BARC

Authorized signatory


Name and Seal:

  
01-01-2020  
**डॉ. वी.पी. वेणुगोपालन/Dr. V.P. Venugopalan**  
निदेशक / Director  
जैव-विज्ञान वर्ग / Bio-Science Group  
भाभा परमाणु अनुसंधान केंद्र/Bhabha Atomic Research Centre  
भारत सरकार / Government of India  
द्रॉन्ने, मुंबई-४०० ०८५/Trombay, Mumbai-400 085.

Date:

Witness- I

Witness- II

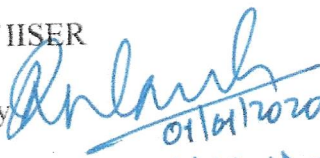
  
11/1/2020

  
01.01.2020

For and on behalf of IISER

Authorized signatory

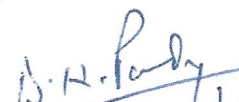
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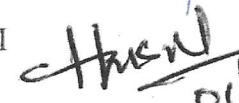
  
01/01/2020  
**SANJEEV GALANDE**  
प्रो. संजीव गलान्डे / Prof Sanjeev Galande  
अधिष्ठाता / Dean R & D  
भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान  
Indian Institute of Science Education & Research  
पुणे / Pune - 411 008, India

Date:

Witness- I

Witness- II

  
1.1.2020

  
01/01/2020

**डॉ. हरि शरण मिश्रा**  
Dr. Hari Sharan Misra  
अध्यक्ष, आण्विक अणुशास्त्र विभाग  
Head, Molecular Biology Division  
भाभा परमाणु अनुसंधान केंद्र  
Bhabha Atomic Research Centre  
द्रॉन्ने, मुंबई-४०० ०८५  
Trombay, Mumbai-400 085.