Title of Research Project		Identification and characterization of post-transcriptional regulators
		involve in innate antiviral signaling during virus infection
Applicant	Institution	Indian Institute of Science Education and Research (IISER), Bhopal,
		Madhya Pradesh, India
	Job title	Assistant Professor
	and name	Himanshu Kumar
Visiting	Name	Himanshu Kumar and Harshad Ingle
researcher		
Purpose of the Research Project		We (myself and one of my Ph.D. and former group member Dr.
(approx. 250 words)		Harshad Ingle) have visited IGM, Hokkaido University to meet
		personally and discuss various scientific matter with the eminent
		Scientist of the Institute to enhance bilateral research in innate
		immunobiology. We met with Professors and discussed in length
		about research projects executed by them, particularly with Prof.
		Akinori Takaoka and his Assistant Professors Takeshi Kameyama and
		Seiichi Sato and understood Prof. Takaoka group work and our
		possible overlap with his work.
Development of the Research		We planned few collaborative projects to execute to nurture
Project and Results		fundamental understanding of viral innate immunity. In this line
(approx 850 words)		myself and Prof. Takaoka resubmitted the research proposal entitled
		"Identification and characterization of novel coding and non-coding
		genes regulating the innate immunity against virus infection and
		cancer" under your esteem institute research program entitled
		"Special Joint Research Program" to strengthen collaborative work to
		enrich the fundamental understanding of regulation of antiviral
		signaling pathways which could be potential therapeutic target to
		treat array of viral diseases.
Publication		[Conference, symposium, workshop etc.] Presented in several
*Enter the names of conference		conferences in India and abroad.
or journal and its vol. No. where		[Journals]
the above work was presented.		1. H. Ingle, S. Kumar, A. A. Raut, A. Mishra, D. D. Kulkarni, T.
		Kameyama, <u>A. Takaoka</u> , S. Akira, <u>H. Kumar,</u> The microRNA miR-485
		targets host and influenza virus transcripts to regulate antiviral
		immunity and restrict viral replication. Sci. Signal. 8, ra126, 2015
		2. IPS-1 differentially induces TRAIL, BCL2, BIRC3 and PRKCE in type I
		interferons-dependent and -independent anticancer activity. Kumar S,
		Ingle H, Mishra S, Mahla RS, Kumar A, Kawai T, Akira S, Takaoka A.
		Raut AA, <u>Kumar H</u> . Cell Death Dis. 2015 6:e1758.