


## LIST OF ONGOING RESEARCH PROJECTS AT ICMR-NIREH as on 15/01/2019

Sl no.	Name of the project	Duration	Projected budget (Rs.)
1.	Cytogenetic profiling of patients with chronic kidney disease : Evaluation of genomic instability (Pi: Dr. R. M. Samarth)	3 Years (Oct 2016 – Sept 2019)	ICMR - IM (Rs. 45.8 Lakhs)
2.	Effectiveness of institutional versus domiciliary implementation of standard pulmonary rehabilitation module in Bhopal gas exposed survivors having COPD (PI: Dr. R. Galgalekar)	2 Years 3 Months (Jan 2017 – March 2019)	ICMR - IM (Rs. 48.7 Lakhs)
3.	Biochemical Basis of Pathogenesis of Chronic obstructive Pulmonary Disease (PI: Dr. K. C. Pandey)	3 Years (Dec 2016-Nov 2019)	ICMR - IM (Rs. 42.8 Lakhs)
4.	Development of a mito-epigenetic carcinogenic risk assessment model for environmental chemical exposures: A pilot study (PI: Dr. P. K. Mishra)	3 Years (Feb 2017-Jan 2020)	ICMR-IM (Rs. 27.1 Lakhs)
5.	Aberrant circulating epigenomic signatures: Development and validation of minimal-invasive biomarkers for trans-generational monitoring of air pollution associated cancers (PI: Dr. P. K. Mishra)	3 Years (Mar 2017-Feb 2020)	EM-Min of HRD-IMPRINT initiative (Rs. 169.3 Lakhs)
6.	Development of quantum dots based nano-biosensors for detection of circulating cell free miRNAs in environmental associated lung carcinogenesis (PI: Dr. P. K. Mishra)	3 Years (July 2017-June 2020)	EM- RFBR (Rs. 51.3 Lakhs)
7.	Characterization of prevailing chronic respiratory morbidities among severely gas exposed population of Bhopal (PI: Dr. Sajal De)	2 Years (Feb 2018-Jan 2020)	ICMR - IM (Rs. 24.3 Lakhs)
8.	Prevalence of Chronic Kidney Disease in severely exposed cohort population in Bhopal (PI: Dr. K. K. Soni)	11 months (May 2018 – Mar 2019)	ICMR - IM (Rs. 11.9 Lakhs)
9.	Linking and analysis of existing data bases (1985-2015) of epidemiological, clinical and toxicological and genetic studies on Bhopal gas victims (PI: Dr. Sushil Singh)	2 Years (Aug 2018 – July 2020)	ICMR - IM (Rs. 2.2 Lakhs)
10.	Impact evaluation of ART under NACP (PI- Dr. R. R. Tiwari)	08 months (Aug 2018-March 2019)	EM- NACO (Rs. 14.2 Lakhs)

11.	A cross sectional study on current health status of gas affected individuals of Bhopal: Phase II-Clinical examination of gas-exposed survivors <b>(PI: Dr. Anil Prakash)</b>	3 Years (Jan 2019 – Dec 2021)	ICMR - IM (Rs. 57.4 Lakhs)
12.	An exploratory study on the potential of circulating microRNAs as minimally invasive effect biomarkers of polycyclic aromatic hydrocarbons exposure <b>(PI: Dr. Amit Tripathi)</b>	3 Years (Jan 2019 – Dec 2021)	ICMR - IM Rs. 23.9 Lakhs)
13.	Delineating the role of mi-RNA in mediating transcriptional alteration during arsenic induced hepatocellular carcinogenesis <b>(PI: Dr. Amit Tripathi)</b>	3 Years (Dec 2018 – Nov 2021)	EM - DST Rs. 40.6 Lakhs)
14.	A pilot study on health effects of simultaneous exposure to multiple heavy metals in two different settings of Bhopal <b>(PI: Dr. R. Ahirwar)</b>	1 Year (Jan 2019 – Dec 2019)	ICMR - IM (Rs. 9.2 Lakhs)
15.	Development of aptamer-based sensing techniques for the detection of delta-aminolevulinic acid, a biomarker of effect in lead toxicity <b>(PI: Dr. R. Ahirwar)</b>	3 Years Dec 2018 – Nov 2021)	EM - DST (Rs. 32.3 Lakhs)
16.	National Environmental Health Profile Study-Bhopal <b>(PI: Dr. Swasti Shubham)</b>	3 Years	EM - Min of EoEFCC, GOI (Rs. 52.6 Lakhs)

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**LIST OF COMPLETED RESEARCH PROJECTS AT ICMR-NIREH as on 17/12/2018**

Sl no.	Name of the project	Duration
1.	To evaluate biochemical markers in cases of clinically stable stages of chronic obstructive pulmonary disease (COPD) in MIC affected population <b>(PI-Dr. Farida Khan)</b>	1 ¼ years (Nov 2013 – Aug 2015)
2.	Long term genetic effect(s) of MIC gas, if any, on the Bhopal population exposed in December, 1984 <b>(Dr. Bani Ganguly)</b>	3 ½ Years (Nov 2013 – Jun 2017)
3.	Cytogenetic analysis in the MIC exposed population and their progeny <b>(PI-Dr. N. Ganesh)</b>	3 years (Nov 2013 – Oct 2016)
4.	Point prevalence morbidity of selected population/families reference to drinking water utilization <b>(PI- Dr. N. Banerjee)</b>	2 Years (June 2014 – May 2016)
5.	A cross-sectional study on current health status of gas affected individuals of Bhopal: Phase I - Data triangulation to understand health status of gas exposed survivors of Bhopal <b>(PI – Dr. Anil Prakash)</b>	18 months (Jan 2017 – June 2018)

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