

Genetically modified crops and biosafety issues

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The evolution of GM crops has come a long way fuelling the processes of their rapid adoption in the context of modern agriculture. Despite this, global agriculture sector plunged into an enkindled debate over GM crops. Prior to the commercial cultivation of GM crops, consumers' concerns regarding their biosafety have also gained momentum. Together with the sustainability of GM crops in agriculture for food safety, biodiversity and biosafety issues are equally important. Thus, efforts to regulate biosafety measures are vigorously made both at the international and national levels. Most of the countries have specific multidisciplinary inter institutional advisory group to evaluate scientific and technical issues associated with the GMOs. These regulatory frameworks ensure comprehensive biosafety assessment of GM crops and administer the enforcement, compliance, accreditation, national and international policy coordination's through its legal units.

Biography

Suchitra Kamle has completed her Ph.D. from Indian Institute of Toxicology Research, Lucknow, India at the age of 30 years and she has been awarded with Ph.D. in Biotechnology by the Banaras Hindu University, Varanasi, India. Her postdoctoral studies are from National Institute of Immunology, New Delhi. She has been awarded with the DBT postdoctoral fellowship and working (Govt. of India) at NII. She has also published papers in reputed journals and serving as an editorial board member of Global Advanced Research in Biotechnology and reviewer of many reputed journals.

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