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REFERENCES Immunization Safety Review: SV40 Contamination of Polio Vaccine and Cancer; THE CHARGE TO THE COMMITTEE; THE STUDY PROCESS; THE FRAMEWORK FOR SCIENTIFIC ASSESSMENT; Causality; Biological Mechanisms; Published and Unpublished Data; UNDER REVIEW: SV40 CONTAMINATION OF POLIO VACCINE AND CANCER; Polio Vaccines and SV40; Cancers; Mesothelioma; Osteosarcoma; Ependymoma; Non-Hodgkin's Lymphoma; SCIENTIFIC ASSESSMENT; Causality; Cancer Incidence; Ecologic Studies; Controlled Observational Studies; Cancer Mortality; Ecologic Studies; Uncontrolled Observational Studies  
Prenatal Exposure to Polio Vaccine Containing SV40 Controlled Observational Studies; Causality Argument; Biological Mechanisms; Is SV40 a Transforming Virus?; Can SV40 Cause Cancer in Humans under Conditions of Natural Exposure?; Is Contamination of the Polio Vaccine with SV40 Responsible for SV40 Infection in Humans?; Summary of the Scientific Assessment; SIGNIFICANCE ASSESSMENT; RECOMMENDATIONS FOR PUBLIC HEALTH RESPONSE; Policy Review; Policy Analysis and Communication; Research; SUMMARY; REFERENCES; Appendix A Committee Recommendations and Conclusions from Previous Reports MEASLES-MUMPS-RUBELLA VACCINE AND AUTISM: Conclusions; Recommendations; Public Health Response; Policy Review; Research Regarding MMR and ASD; Communications; THIMEROSAL-CONTAINING VACCINES AND NEURODEVELOPMENTAL DISORDERS; Conclusions; Public Health Response Recommendations; Policy Review and Analysis; Public Health and Biomedical Research; Epidemiological Research; Clinical Research; Basic Science Research; MULTIPLE IMMUNIZATIONS AND IMMUNE DYSFUNCTION; Conclusions; Scientific Assessment; Causality Conclusions; Biological Mechanisms Conclusions; Autoimmune Disease; Allergic Disease  
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Sommario/riassunto

The Immunization Safety Review Committee was established by the Institute of Medicine (IOM) to evaluate the evidence on possible causal associations between immunizations and certain adverse outcomes, and to then present conclusions and recommendations. The committee's mandate also includes assessing the broader societal significance of these immunization safety issues. While all the committee members share the view that immunization is generally beneficial, none of them has a vested interest in the specific immunization safety issues that come before the group. The committee reviews three immunization safety review topics each year, addressing each one at a time. In this fifth report in a series, the committee examines the hypothesis that exposure to polio vaccine contaminated with simian virus 40 (SV40), a virus that causes inapparent infection in some monkeys, can cause certain types of cancer.

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