

Seralini Studie Facts



CHRONIC TOXICITY OF ROUNDUP AND A ROUNDUP-TOLERANT GMO, the main findings

- The main pesticide of the world, Roundup, provokes severe hepatorenal deficiencies and sex-dependent hormonal effects such as mammary tumors from very low environmental levels (0.1 ppb).
- Comparable results have been obtained during chronic consumption of an equilibrated diet containing a Roundup-tolerant GMO (maize). This was due to Roundup residues and to this specific genetic modification (NK603).
- Roundup formulations and Roundup-tolerant GMOs should be considered as endocrine disruptors and their present assessments on health are drastically deficient.

Why did the study have such a global impact following its publication ?

It is the world's 1st long-term toxicity study with lots of parameters which were measured (blood, body, urinary ...) on the effects of two marketed products. It relates to a full herbicide's formulation and a GM maize (NK603), and was conducted over a period of two years in rats and in total independence vis-à-vis of the biotechnology industry (here namely Monsanto). The reason for the study having such a global impact is partly because of the unique nature of this study (both in scope, parameters and duration) after a ten-year debate on GMOs, as well as due to the quick photo sharing from the study on media and social networks.



The distribution of photos showing rats with tumours has indeed played a role in the global dissemination without being associated with the actual findings of our study. Most people do not know about toxicology, thus they associate tumours with cancers, which resulted in some of the comments by the press being disconnected from our findings and mixed with vicious attacks from the biotech lobbies.