

## **wards a New Regulatory Agenda for Nanotechnology in Brazil**

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**Resumo:** The nanotechnology emerges with the promise to revolutionize the world. There are many discussions about the “great” things that could be done from the control of material in the nanoscale. However, until what point all these promises will become reality? International big industries has invested in nano’s research with the goal of create unimaginable daily products. From the techno-economic point of view, the nanotechnology has a great potential for the enterprises and for the society. Nevertheless, the question that emerges is: an emergent technology like that won’t have also the impacts in the environmental and social points of view? The lessons of the OGM cases have to be taken into account, and for this, the nanotechnology discussions have to be done in a broader perspective, that only the technoeconomic level. The consideration of these multiples dimensions (technologic, economic, social and environmental) is very important for the development of a regulatory set in Brazil. In this sense, this article is a result of two phases of a national research in the brazilian nanobiotechnology network: the first is qualitative, and characterized by the experts interviews; the second is quantitative, and characterized by a survey application for the nanobiotechnology network integrants. The main goal of this research is to propose some of the mainly positive and negative impacts (that have into account the 4 dimensions mentioned before) in each actor involved in the nanotechnology scenario. As a results it will be propose a matrix of “impacts x actors” that allow a better comprehension of the brazilian nanotechnology scenario (in the nanobiotechnology domain), and allow some insights for a national regulation.