

## The DaNa2.0 Knowledge Base Nanomaterials – quality-approved and easy-to-understand information on current nanosafety research

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Nanotechnology will bring about fundamental changes of basic research as well as of many sectors of industry. It will also have a great impact on our daily life ranging from electronics to the health care system. However, consumers often miss reliable and easy-to-understand information on nanomaterials and nanotechnology and don't know where to get such information. Besides the great need to respond to basic questions such as "Are there any risks for myself and the environment?" there is a growing demand for tools to manage and assess the rapidly increasing number of publications related to nanosafety issues. Therefore the international DaNa<sup>2.0</sup> expert team brings together its expertise and knowledge from different research areas dealing with all aspects of nanosafety research in order to create and provide a non-biased, quality-approved and up-to-date knowledge base for more transparency on [www.nanopartikel.info](http://www.nanopartikel.info). For this purpose, scientific publications, reports, project results and latest news on human and environmental toxicology are analysed using the «**Literature Criteria Checklist**». This customised methodology developed by the DaNa expert team helps to discriminate between high- and low quality publications and thus facilitates the evaluation process of scientific publications. The mandatory and desirable assessment criteria were developed in accordance with common quality criteria acknowledged worldwide within the scientific community. Another important feature within the knowledge base is an integrated application-based database that provides a unique link between nanomaterials in real applications (e.g. environmental remediation or medical products) and their potential impacts/toxicological effect(s) that can be easily accessed by the interested visitor. Additionally, DaNa2.0 provides a list of FAQs, a link platform and the opportunity to directly pose questions to the experts via E-mail.