



REFLEX

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QUALITY

Risk evaluation of potential environmental hazards from low-energy electromagnetic field (emf) exposure using sensitive in vitro methods (reflex)

From 2000-02-01 **to** 2004-05-31

Project details

Total cost: EUR 3 275 087	Topic(s): 1.1.1.-4. - Key action Environment and Health
EU contribution: EUR 2 059 450	Funding scheme: CSC - Cost-sharing contracts
Coordinated in: Germany	

Objective

Electromagnetic field (emf) has become a topic of europe-wide discussion. The latter has created uncertainty regarding possible adverse health effects for both the population and industry. Current research is characterized by conflicting data from epidemiological and animal studies, especially with respect to possible risk of cancer at different sites and neurological disorders. Clearly, mere continuation or replication of research, without introducing innovatives concepts, willprolong the uncertainty as to whether emfs do, or do not, represent a health risk. The results of this joint project, which will investigate molecular and functional responses of living cells to emfs in vitro by applying state-of-the-art methods od molecular biology and toxicology, are needed urgently for molecular epidemiological studies, which are probably the only path to a reliable risk estimate for possible effects of emfs on human health.

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