Information to be requested from all CA17104 participants:

Indicate your Working Group(s) in COST Action17104:	**WG4**
First Name:	**Denitsa**
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Link to webpage with group description:	*N.A.*
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Expertise relevant for this COST Action:	*In vitro* and *in vivo* toxicological analysis of synthetic and natural drugs, nanosized drug delivery systems on models of cell lines of animal and human origin. Liver toxicity determination. Cell culturing, Isolation of primary hepatocytes, liver microsomes. Evaluation of biocompatibility of the test compounds *in vitro* /*in vivo*. Cytotoxicity evaluation of novel compounds by cell viability (MTT-assay, Neutral red, Alamar blue), LDH leakage, GSH depletion, MDA quantity, ect.
Available facilities to conduct work, relevant for this COST Action:	*In vitro* and *in vivo* toxicological analysis of synthetic and natural drugs, nanosized drug delivery systems on models of cell lines of animal and human origin. Liver toxicity determination. Cell culturing, Isolation of primary hepatocytes, liver microsomes. Evaluation of biocompatibility of the test compounds in vitro /in vivo. Cytotoxicity evaluation of novel compounds by cell viability (MTT-assay, Neutral red, Alamar blue), LDH leakage, GSH depletion, MDA quantity, ect.
Matherials/Methods that could be shared with other members of this COST Action:	Human and animal cell lines of diverse tissue origin – cancerous or normal. Cytotoxicity assays, wound healing migration assay, hemolysis microplate assay, models of oxidative stress-damaged cell culture, *in vivo* biochemical assays, ADME studies. Measuring fluorescence

	Intensity, fluorescence polarization, time-resolved fluorescence, luminescence and UV-visible absorbance in microplates

NOTE: By submitting this form to the Grant Manager of CA17104, I agree that this information can be used within the scope of this COST Action (e.g. may be included on the webpage of CA17104).