

**Member of the
Committee for Risk Assessment (RAC)**

1. General Information:

Name Chankova-Petrova, Stephka

Ms / Mr

Appointed by (MS/Forum): Bulgaria

Nationality: Bulgarian



2. Education: MSc - hydrobiology, PhD - genetics/experimental mutagenesis, Prof – genetics/environmental mutagenesis

3. Relevant Employment

Present employment	Supernumerary Professor at Division “Environmental mutagenesis”, Institute of Biodiversity and Ecosystem Research (IBER), BAS
Previous relevant employment	Prof. - Head of Department of Ecosystem Research, Environmental Risk Assessment and Conservation Biology; Head of the section “Environmental mutagenesis and genetic risk assessment”, IBER- BAS; July 2015 – retired.

4. Relevant fields of in-depth expertise:

Area of expertise	Description
Genetic toxicology	Traditional and alternative to animal tests; screening and monitoring of contaminated soils, water and air samples; development of cellular and sub- cellular biomarkers. Short – term and long - term genetic consequences.
Molecular Ecology	DNA and enzyme biomarkers for the assessment of genotype sustainability to oxidative stress.
Environmental mutagenesis and anti-mutagenesis	Effect of low doses gamma-rays radiation, UV-irradiation, heavy metals, pesticides, heat and drought induced stress; genotype and induced resistance – the contribution of DSBs repair, <i>de novo</i> synthesized proteins, antioxidant and chaperone systems; strategies for genome protection.
Remediation of water	Co-incubation systems based on unicellular green algae

5. Membership of relevant professional bodies:

1. Member of the Expert Council for assessment of priority substances, 184 /19.03.2015 Bulgarian Ministry of Environment and Water;
2. Union of Scientist in Bulgaria, Dep. Biology – chairman;
3. Member of General Assembly of the Union of Scientist in Bulgaria.

6. Other Relevant Information: Supervisor of 20 MSc and 8 PhD students; Project coordinator of national and international projects in the field of environmental mutagenesis; Author of about 100 scientific publications in refereed journals and 2 chapters of books; Lecturer in genetics – New Bulgarian University, Sofia.