STATEMENT ON THE APPLICATION OF THE CFU-GM ASSAY
FOR PREDICTING ACUTE NEUTROPENIA IN HUMANS

At its 24th Meeting, held on 20-21 March 2006 at the European Centre for the Validation of Alternative Methods (ECVAM), Ispra, Italy, the Non-Commission Members of the ECVAM Scientific Advisory Committee (ESAC)\(^1\) unanimously endorsed the CFU-GM assay\(^2,3\) for predicting acute neutropenia in humans as a substitute to using a second species, such as the dog, for this purpose. It should be noted that the test relies on the availability of mouse MTD data and is, therefore, not a full replacement method, but is intended to reduce the overall numbers of animals needed in toxicity testing. Performance standards for the assay should be developed to enable reasonable flexibility in the protocol used.

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21 March 2006
1. The ESAC was established by the European Commission, and is composed of nominees from the EU Members States, industry, academia and animal welfare, together with representatives of the relevant Commission services.

This statement was endorsed by the following Members of the ESAC:

- Prof Helmut Trithart (Austria)
- Dr Dagmar Jirová (Czech Republic)
- Prof Elisabeth Knudsen (Denmark)
- Dr Timo Ylikomi (Finland)
- Prof André Guillouzo (France)
- Dr Manfred Liebsch (Germany)
- Dr Efstatios Nikolaidis (Greece)
- Dr Katalin Horvath (Hungary)
- Prof Michael Ryan (Ireland)
- Dr Annalaura Stammati (Italy)
- Dr Mykolas Maurica (Lithuania)
- Prof Eric Tschirhart (Luxembourg)
- Dr Jan van der Valk (The Netherlands)
- Dr Dariusz Sladowski (Poland)
- Prof Milan Pogačnik (Slovenia)
- Dr Argelia Castaño (Spain)
- Dr Patric Amcoff (Sweden)
- Dr Jon Richmond (UK)
- Dr Odile de Silva (COLIPA)
- Dr Julia Fentem (ECETOC)
- Dr Nathalie Alépée (EFPIA)
- Prof Robert Combes (ESTIV)
- Dr Maggy Jennings (Eurogroup for Animal Welfare)
- Mr Roman Kolar (Eurogroup for Animal Welfare)

The following Commission Services and Observer Organisations were involved in the consultation process, but not in the endorsement process itself.

- Mr Thomas Hartung (ECVAM; chairman)
- Mr Jens Linge (ECVAM; ESAC secretary)
- Mr Juan Riego Sintes (ECB)
- Ms Beatrice Lucaroni (DG Research, Unit F.5)
- Mr Sylvain Bintein (DG Environment, Unit C.3)
- Mr Sigfried Breier (DG Enterprise, Unit F.3)
- Prof Dr Constantin Miricioiu (Romania)
- Dr William Stokes (NICEATM, USA)
- Prof Dr Vera Rogiers (ECOPA)