

Table 1. Qualitative results of the study as reported in the individual investigator chapters. These results occasionally differ from those discussed in the several summary chapters because, in some cases, workgroups applied common test criteria to investigators' data resulting in a change in the qualitative conclusion. The symbols used in this Table were: ? , representing data insufficient to draw firm conclusions; this is distinct from the weak positive (pink) designation; o, ip, and der represent use of oral, intraperitoneal, and dermal routes of exposure, respectively; and \* represents studies which have yet to be reported.

35

| IPCS CSSTT IN VIVO STUDY - SUMMARY OF QUALITATIVE RESULTS |                             |              |                  |     |      |      |                   |
|---|-----------------------------|--------------|------------------|-----|------|------|-------------------|
| ASSAY   | CHAPTER NUMBERS             | INVESTIGATOR | BP               | PYR | 2AAF | 4AAF | ROUTE OF EXPOSURE |
| <b>1. CYTOGENETICS</b>                                    |                             |              |                  |     |      |      |                   |
| <b>1.1 Chromosomal aberrations</b>                        |                             |              |                  |     |      |      |                   |
| 1.1.1   | Mouse bone marrow           | 8            | I.-D. Adler      | ● ○ | ● ?  | ○    | o                 |
|   | "                           | "            | "                | ● ○ | ● ?  | ○    | ip                |
| 1.1.2   | "                           | 9            | V. Zhurkov       | ● ○ | ● ○  | ○    | o                 |
|   | "                           | "            | "                | ● ○ | ● ○  | ○    | ip                |
| 1.1.3   | "                           | 10           | A. Leonard       | ● ○ | ● ○  | ○    | o                 |
| 1.1.4   | "                           | 11           | B. Harper        | ● ○ | ● ○  | ○    | o                 |
| 1.1.5   | "                           | 12           | A. Malashenko    | ● ○ | ● ○  | ○    | o                 |
| 1.1.6   | "                           | 13           | E. Huttner       | ● ○ | ● ○  | ○    | o                 |
| 1.1.7   | "                           | 14           | C. Luke          | ● ○ | ● ○  | ○    | ip                |
| 1.1.8   | Mouse-ascites               | 13           | E. Huttner       | ● ○ | ● ○  | ○    | o                 |
| 1.1.9   | Rat bone marrow             | 15           | R. Albanese      | ● ○ | ● ○  | ○    | ip                |
|   | "                           | "            | "                | ● ○ | ● ○  | ○    | o                 |
| 1.1.10  | Chinese hamster bone marrow | 16           | J. Pot-DePrun    | ● ○ | ● ○  | ○    | o                 |
| 1.1.11  | "                           | 17           | J. Allen         | ○   | ○    | ○    | o                 |
| <b>1.2 Micronuclei</b>                                    |                             |              |                  |     |      |      |                   |
| 1.2.1   | Mouse bone marrow           | 19           | D. Wild          | ● ○ | ● ○  | ○    | o                 |
| 1.2.2   | "                           | 20           | D. Blakey        | ● ○ | ● ○  | ○    | o                 |
| 1.2.3   | "                           | 21           | I. Chouroulinkov | ● ○ | ● ○  | ○    | o                 |
| 1.2.4   | "                           | 22           | B. Harper        | ● ○ | ● ○  | ○    | o                 |
| 1.2.5   | "                           | 23           | M. Hayashi       | ● ○ | ● ○  | ○    | o                 |
| 1.2.6   | "                           | 24           | V. Ivanov        | ● ○ | ● ○  | ○    | o                 |
| 1.2.7   | "                           | 25           | J. Jensen        | ● ○ | ● ○  | ○    | o                 |
| 1.2.8   | "                           | 26           | D. Jenssen       | ● ○ | ● ○  | ○    | o                 |
| 1.2.9   | "                           | 27           | U. Kliesch       | ● ○ | ● ○  | ○    | o                 |
|   | "                           | "            | "                | ● ○ | ● ○  | ○    | ip                |
| 1.2.10  | "                           | 28           | C. Coton         | ● ○ | ● ○  | ○    | o                 |
| 1.2.11  | "                           | 29           | M. Salamone      | ● ○ | ● ○  | ○    | ip                |
| 1.2.12  | "                           | 29           | M. Salamone      | ● ○ | ● ○  | ○    | o                 |
| 1.2.13  | "                           | 30           | J. Styles        | ● ○ | ● ○  | ○    | o                 |
|   | "                           | "            | "                | ● ○ | ● ○  | ○    | ip                |
| 1.2.14  | "                           | 31           | P. Chauhan       | ● ○ | ● ○  | ○    | ip                |
| 1.2.15  | "                           | 32           | K. Suter         | ● ○ | ● ○  | ○    | o                 |
| 1.2.16  | "                           | 33           | A. Tates         | ● ○ | ● ○  | ○    | o                 |
| 1.2.17  | Mouse blood - weanling      | 34           | J. MacGregor     | ● ○ | ● ○  | ○    | o                 |
| 1.2.18  | " - fetal                   | 34           | "                | ● ○ | ● ○  | ○    | o                 |
| 1.2.19  | " - maternal                | 34           | "                | ● ○ | ● ○  | ○    | o                 |
| 1.2.20  | " - fetal                   | 32           | K. Suter         | ● ○ | ● ○  | ○    | o                 |
| 1.2.21  | Rat bone marrow             | 35           | B. Beije         | ● ○ | ● ○  | ○    | o                 |
| 1.2.22  | "                           | 36           | P. Watkins       | ● ○ | ● ○  | ○    | o                 |
|   | "                           | "            | "                | ● ○ | ● ○  | ○    | ip                |
| <b>1.3 Sister chromatid exchange</b>                      |                             |              |                  |     |      |      |                   |
| 1.3.1   | Mouse bone marrow           | 38           | R. Tice          | ● ○ | ● ○  | ○    | ip                |
| 1.3.2   | "                           | 39           | J. Allen         | ● ○ | ● ○  | ○    | o                 |

Positive ● Negative ○ Weak positive ○

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