**Table 1: Contract 76323 - Quantitative assessment of biomaterial from rats to study external and internal exposure damage late effects (LE) and dynamics (D) in different periods and after termination**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| group | Different exposure factors | | | | | | | Number of | |
| Ionizing radiation (IR) | | | | | | Other factors | Rats Used in test,  Lp | samples  (paraffin) |
| type | source | Delivery route | Dose approach | Administered amount | Dose,  Gy | Characteristic |
| 1 LE  test (1)  control (1) | γ | 137Cs | external | 5 times a week,  6 months | none | 24.8 | none | 39 | 348 |
| none | none | none | none | none | none | none | 44 | 996 |
| 2 LE  test (3)  control | β | 3НОН | per os | 5 times a week,  6 months | 370 kBq/g/day | 25.3 | none | 46 | 1239 |
| 37 kBq/g/day | 2.02 | none | 36 | 638 |
| 3.7 kBq/g/day | 0.24 | none | 49 | 943 |
| none | none | none | none | none | none | none | 49 | 858 |
| 3 LE  test (1)  control | β | 3НОН | per os | 5 times a week  3 months | 370 kBq/g/day | 12.5 | none | 50 | 1076 |
| none | none | none | none | none | none | none | 46 | 929 |
| 4 D  test (3)  control (3) | β | 3НОН | per os | 5 times a week  3 months | 370 kBq/g/day | 12.5 | none | 122 | 622 |
| 37 kBq/g/day | 1.08 | 78 | 391 |
| 3.7 kBq/g/day | 0.12 | 92 | 252 |
| none | none | none | none | none | none | none | 180 | 791 |
| 5 D  test (1)  control (1) | γ | 137Cs | external | 5 times a week,  3 months | none | 11.8 | none | 91 | 468 |
| none | none | none | none | none | none | none | 55 | 272 |
| 6 D  test (1)  control (1) | β | 3НОН | per os | 5 times a week,  3 months | 370 kBq/g/day | 11.4 | none | 35 | 85 |
| none | none | none | none | none | none | none | 15 | 44 |