

**6. ABBREVIATIONS**

|                 |  |
|-----------------|--|
| A               | Adenine  |
| ADP             | Adenosine diphosphate                                  |
| ATCC            | American Type Cell Collection                          |
| ATP             | Adenosine triphosphate                                 |
| C               | Cytosine   |
| °C              | Celsius grades   |
| cDNA            | Complementary DNA                                      |
| CO <sub>2</sub> | Carbone dioxide  |
| conc.           | Concentration  |
| DC              | Direct current   |
| DNA             | Deoxyribonucleic acid                                  |
| dNTP            | Desoxynucleotide triphosphate                          |
| DMSO            | Dimethylsulphoxide                                     |
| DSMZ            | Deutsche Sammlung von Microorganismen und Zellkulturen |
| FACS            | Fluorescens associated cell sorter                     |
| FCS             | Fetal Bovine Serum                                     |
| FITC            | Fluorescin Isothycyanate                               |
| G               | Guanosin   |
| GSH             | Reduced glutathione                                    |
| GSP-pi          | Glutathione-S-Peroxidase                               |
| Gy              | Gray   |

|                   |                                      |
|-------------------|--------------------------------------|
| h                 | Hour                                 |
| kb                | Kilobases                            |
| kDa               | KiloDaltons                          |
| LRP/lrp           | Lung Resistance Protein              |
| LTC4              | Leucotriene C4                       |
| MAB               | Monoclonal Antibody                  |
| MDR               | Multidrug Resistance                 |
| mdr1              | Multidrug Resistance Gene 1          |
| MeV               | Megaelectron Volt                    |
| MESA              | MOPS-EDTA-Acetate                    |
| μg                | Microgramm                           |
| MgCl <sub>2</sub> | Magnesium Dichloride                 |
| min               | Minute                               |
| ml                | Milliliter                           |
| μl                | Microliter                           |
| mM                | Millimol                             |
| μmol              | Micromol                             |
| mRNA              | Messenger Ribonucleic Acid           |
| MRP1/mrp1         | Multidrug Resistance Related Protein |
| MVP               | Major Vault Protein                  |
| nm                | Nanomol                              |
| PBGD              | Porphobilinogen Desaminase           |
| PBS               | Phosphate Buffered Saline            |

|        |   |
|--------|---|
| PCR    | Polymerase Chain Reaction                         |
| PE     | Phycoerythrin                                     |
| PI     | Propidium Iodide                                  |
| RT     | Reverse Transcriptase                             |
| sec    | Seconds   |
| T      | Thymidine   |
| t      | The p-value is obtained by the Student's t-test   |
| TERRP1 | Telomerase Associated Protein 1                   |
| U      | Units   |
| V      | Volts   |
| Vs.    | versus  |
| VPARP  | Poly-ADP Ribose Polymerases                       |
| W      | Watt  |
| z      | The p-value is obtained by the Wilcoxon rank test |
| *      | Indicates significance at level $p < 0.05$        |
| **     | Indicates significance at level $p < 0.01$        |
| ***    | Indicates significance at a level $p < 0.001$     |