Flavin Adenine Dinucleotide (FAD) Pegylated (PEG)-Complexes: Proof of Concept (PoC) of theranostic tool on a Breast Cancer Model of Mouse.

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| Group   | Representative Images |
|---------|-----------------------|
| Saline  | ![Representative Images](image1) |
| PEG     | ![Representative Images](image2) |
| NP1-IV  | ![Representative Images](image3) |
| NP2-IV  | ![Representative Images](image4) |
| NP1-IG  | ![Representative Images](image5) |
| NP2-IG  | ![Representative Images](image6) |
| 5-FU    | ![Representative Images](image7) |

**Fig. S1.** Representative images of tumour and spleen.
| Day | Saline | Saline | Saline | Saline | Saline | Saline | Saline | Saline | PEG | PEG | PEG | PEG | PEG | PEG | PEG | PEG | PEG | PEG | PEG | PEG | PEG | PEG | PEG |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9   | 276.78  | 320.61  | 306.47  | 317.12  | 310.38  | 326.02  | 341.50  | 339.66  | 284.28 | 238.08 | 272.27 | 199.38 | 20.63 | 22.16 | 21.53 | 23.12 | 30.23 | 21.79 | 23.18 | 23.46 | 22.16 | 21.79 |
| 12  | 321.46  | 356.69  | 376.40  | 359.54  | 402.31  | 417.30  | 359.54  | 322.34  | 366.54 | 306.54 | 318.36 | 268.34 | 300.83 | 201.83 | 219.83 | 225.32 | 219.32 | 225.72 | 219.72 | 225.42 | 219.42 |
| 15  | 452.58  | 405.56  | 572.24  | 532.12  | 572.59  | 631.67  | 583.15  | 571.27  | 541.88 | 482.70 | 457.95 | 372.30  | 343.78 | 325.88 | 311.68 | 275.01 | 275.01 | 275.01 | 275.01 | 275.01 | 275.01 |
| 18  | 652.76  | 502.94  | 557.78  | 538.52  | 672.07  | 713.20  | 644.04  | 615.57  | 615.57 | 542.29 | 471.82  | 372.63  | 357.37 | 315.73 | 281.99 | 255.04 | 255.04 | 255.04 | 255.04 | 255.04 | 255.04 |
| 21  | 782.08  | 672.24  | 721.54  | 678.59  | 887.97  | 950.63  | 874.21  | 777.86  | 777.86 | 721.96 | 681.96  | 574.70  | 546.36  | 494.83  | 454.36  | 405.04  | 405.04 | 405.04 | 405.04 | 405.04 | 405.04 |
| 24  | 873.68  | 621.89  | 682.86  | 638.64  | 707.56  | 746.87  | 680.76  | 600.16  | 600.16 | 534.15 | 494.33  | 394.21  | 364.78  | 324.36  | 284.83  | 234.36  | 234.36 | 234.36 | 234.36 | 234.36 | 234.36 |
| 27  | 1304.44 | 1156.03 | 1191.62 | 1166.82 | 1322.69 | 1376.74 | 1332.36 | 1195.71 | 1195.71 | 1066.74 | 998.85  | 863.51  | 819.25  | 721.96  | 642.36  | 552.36  | 552.36 | 552.36 | 552.36 | 552.36 | 552.36 |
| 30  | 1794.98 | 1643.51 | 1791.57 | 1741.37 | 2218.65 | 2378.75 | 2242.73 | 1949.47 | 1949.47 | 1684.74 | 1578.46  | 1378.51 | 1278.51 | 1178.51 | 1078.51 | 978.51  | 978.51 | 978.51 | 978.51 | 978.51 | 978.51 |