

Angewandte Corrigendum

In this Communication, the numbers on the y axis of Figure 3 b were incorrect. The corrected version is shown below. The authors apologize for any confusion or inconvenience this error may have caused.

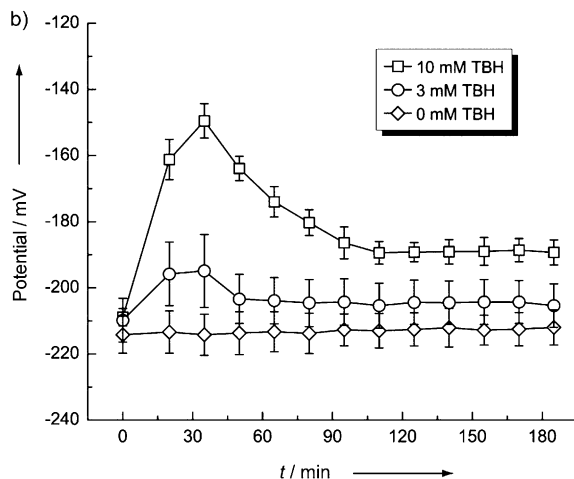


Figure 3. Monitoring of the intracellular glutathione redox potential. ... b) Cellular concentrations of GSH* and GSSG* were calculated based on the calibration derived from cell samples examined by NMR spectroscopy and measured externally by the DTNB-GSSG reductase recycling assay (DTNB: 5,5'-dithiobis(2-nitrobenzoic acid); see the Supporting Information, Figure S3). The intracellular glutathione redox potential was calculated by using the Nernst equation with a standard redox potential ($E^0_{\text{GSSG}/2\text{GSH}}$) of -240 mV at pH 7.0 and an average cell volume of 11.74 fL. Data represent the mean \pm the standard deviation from three independent experiments.

Probing the Intracellular Glutathione Redox Potential by In-Cell NMR Spectroscopy

S. Y. Rhiu,* A. A. Urbas, D. W. Bearden,
J. P. Marino, K. A. Lippa,
V. Reipa* **447–450**

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