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CORRECTION

Correction: Advances in development of new tools for the study of phosphohistidine

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Since the publication of the paper the authors have noted some errors in the text.

The corrected text for page 5, paragraph 1 can be found below:

By contrast in an early study of phosphorylated human erythrocytic NDPK by Walinder [77], phospholysine (pLys) and both isomers of pHis were found in the base hydrolysate after chromatographic separation of the phosphoamino acids. However, ^{31}P NMR [66], X-ray crystallography (only the π imidazole nitrogen is available for phosphorylation) [68, 69], and base hydrolysate data [9] have shown that NDPK is autophosphorylated by ATP on a specific His residue to form the π-pHis residue exclusively. Similarly, ACLY has been found to be phosphorylated by NDPK or ATP to form τ-pHis only, both by ^{31}P NMR and in the base hydrolysate [9,78]. So why the discrepancy with the results from Walinder?

Other compound labeling and numbering errors:

Scheme 4: The labelling of the chemical structures has been transposed. The structure on the left should be π-pHis and the structure on the right should be τ-pHis, not the other way round as indicated.

The phrase "triazole residue 16" should be replaced by "triazole residue in peptide 17", in three locations:

- Page 8, third paragraph, line 14
- Page 9, third paragraph, line 3
- Page 9, third paragraph, line 12

These errors have now been corrected in both the HTML and PDF versions of the paper.

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