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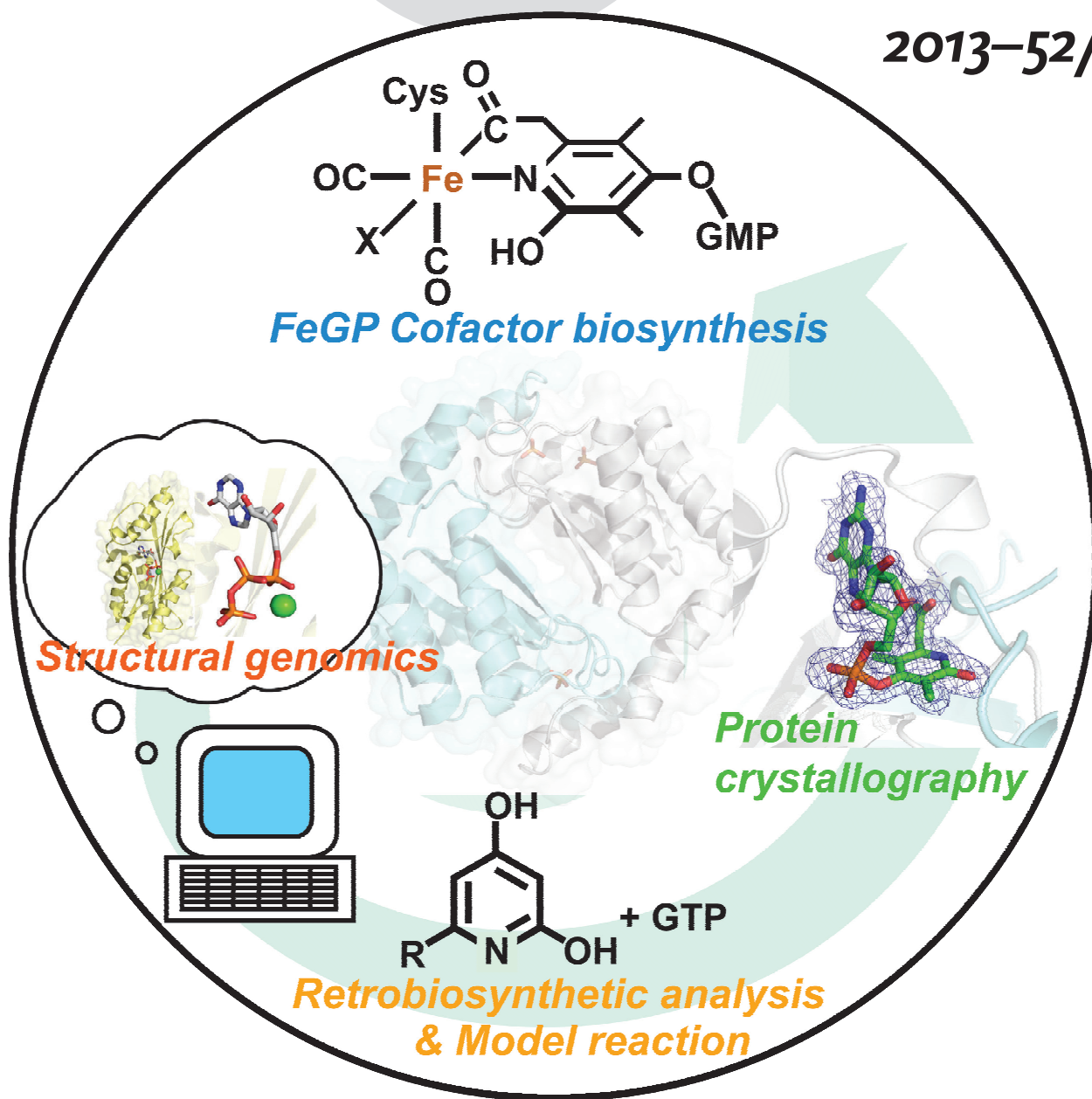
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One reaction step ...

... of the biosynthesis of [Fe]-hydrogenase-cofactor is elucidated by S. Shima et al. in their Communication on page 12555 ff. A structural genomics approach, in combination with model reactions and thorough product analysis by X-ray crystallography of the protein–product complexes, revealed that HcgB is the enzyme that catalyzes guanylylpyridinol formation from a 2,4-dihydroxypyridine derivative and guanosine triphosphate.

125 YEARS **Angewandte** Chemie

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