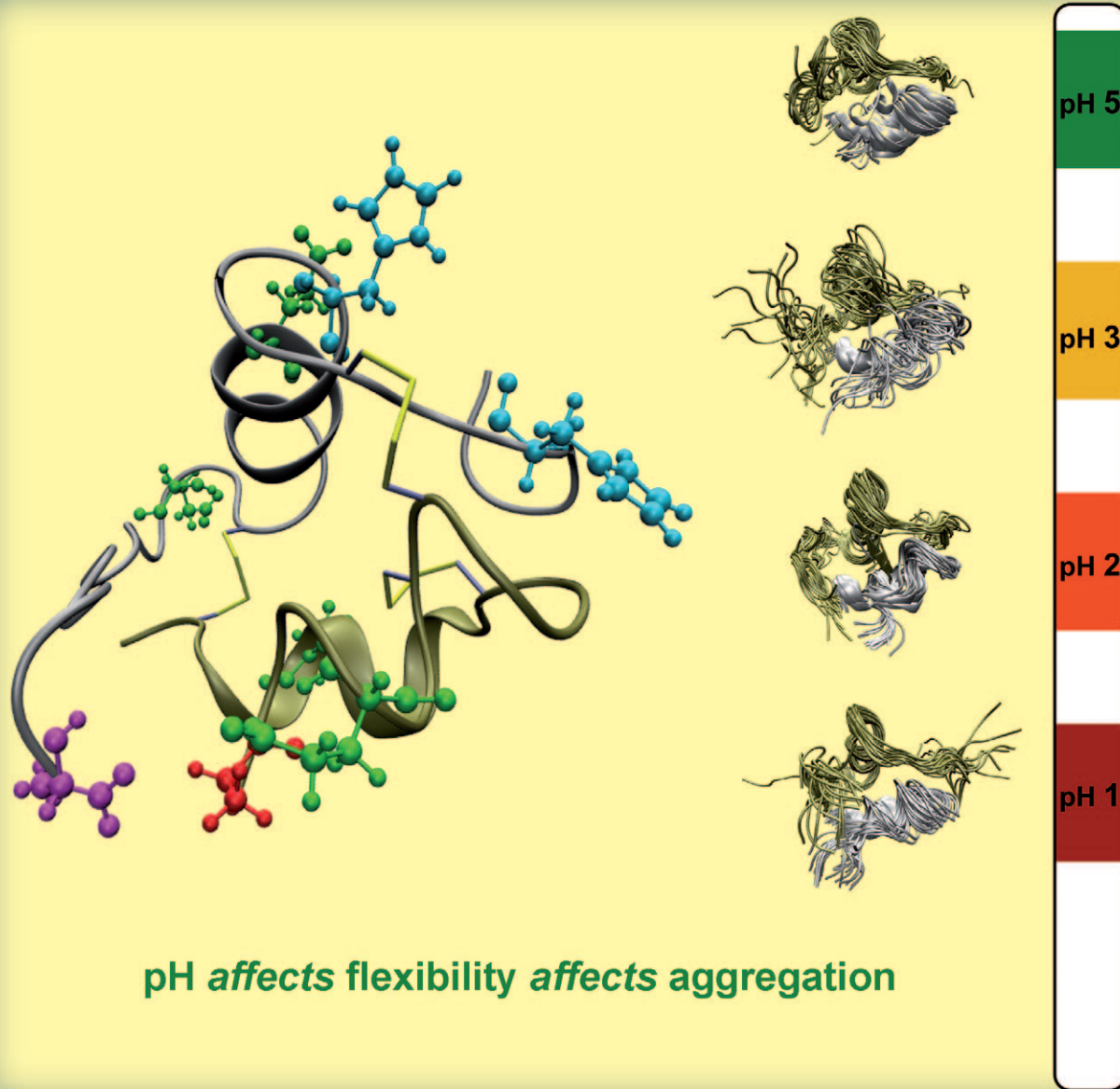


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pH affects flexibility affects aggregation

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The inside cover picture shows, on the left, the structure of peptide hormone insulin; titrable groups between pH 1 to 7 are highlighted. On the right, structural ensembles from atomistic simulations show that pH-induced protonation changes of insulin critically affect its conformational flexibility. From top to bottom the number of protonated sites was increased to match displayed pH values. For more information, see the article by H. Grubmüller et al. on p. 1816 ff.

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Inside Cover

Jürgen Haas, Esteban Vöhringer-Martinez, Andreas Bögehold, Dirk Matthes, Ulf Hensen, Avishay Pelah, Bernd Abel, and Helmut Grubmüller*

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