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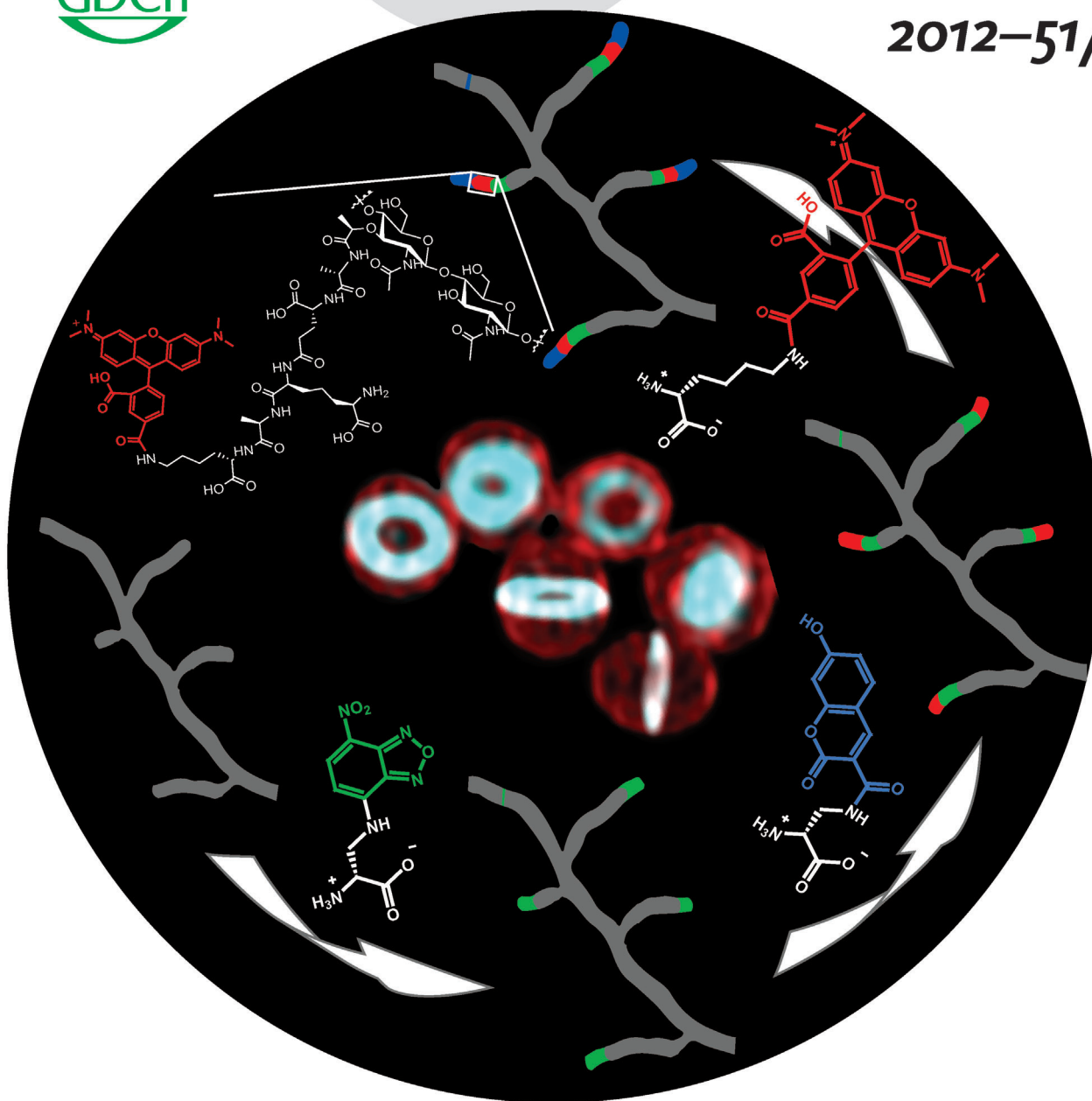
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The lack of a global strategy ...

... for direct imaging of sites of active peptidoglycan (PG) synthesis in live cells has until now limited our knowledge of PG synthesis and dynamics. In their Communication on page 12519 ff., M. VanNieuwenhze, Y. V. Brun, and co-workers report a method that utilizes fluorescently modified D-amino acids for rapid and covalent incorporation and detection of fluorescently derivatized PG during cell-wall synthesis in real time, and in live bacterial cells.

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