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## Photoactivation of Molecular Function

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# Stellingen

Behorende bij het proefschrift

## Photoactivation of Molecular Function

door

**Albert Marten Schulte**

1. Time is a valuable thing. Time spent living solely in pursuit of future positions or achievements is time misused. In academia, it is too common to live for the future.
2. Universities need to inspire. When teaching students, apart from delivering them scientific concepts, stories and real-life examples of the relevance of the taught concepts should be focused on more. The idea that all students should be self-inspired is wrong.
3. In science, creativity is equally as important as the ability to understand, but not equally valued.
4. For photocleavable protecting groups, achieving a high uncaging quantum yield is more straightforward if you sacrifice water-solubility (*e.g. Org. Lett.* 2021, 23, 19, 7580–7585, *Angew. Chem. Int. Ed.* 2018, 130, 14, 3784–3788, *J. Am. Chem. Soc.* 2020, 142, 15505–15512). Therefore, a common water-based solvent system should be decided on in which the quantum yields of all newly reported PPGs should be measured such that their uncaging quantum yields and water solubilities can be fairly compared.
5. Form has a function. The absence of beauty in the architecture and furnishing of Nijenborgh 4 has a negative influence on the ambiance and work/study life of its inhabitants.
6. Good project design is more important than efficient project execution. Less gifted synthetic chemists can compensate through smart project design.
7. Collaborations between people of different expertise are like the contact of two chemical reagents: if there is any reaction, both are transformed.
8. Two compounds cannot be claimed to be identical when they feature different counterions, therefore also their photochemical properties cannot be fairly compared (*Angew. Chem. Int. Ed.* 2022, 61, 33, e202204391).