Engineering retinal-based phototrophy via a complementary photosystem in Synechocystis sp. PCC6803
Chen, Q.

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INVITATION

You are cordially invited to the public defense of my PhD thesis entitled:

Engineering retinal-based phototrophy via a complementary photosystem in *Synechocystis* sp. PCC6803

Que Chen

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On Wednesday 14th June 2017 at 12:00 in the Agnietenkapel Oudezijds Voorburgwal 231, Amsterdam

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Engineering retinal-based phototrophy via a complementary photosystem in *Synechocystis* sp. PCC6803

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**Cover design:** The pictures on the cover page show the crystal structure of a proto-orthodopsin. Image on the front and back page shows the structure of its hexametric oligomer at the intracellular side and the extracellular side, respectively. Protons (H+) are being pumped from the intracellular side (front page) to extracellular side (back page), thereby passing through the whole thesis. The cover has been designed by Jos Arents and Que Chen.

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ter verkrijging van de graad van doctor
aan de Universiteit van Amsterdam
op gezag van de Rector Magnificus
prof. dr. ir. K.I.J. Maex
ten overstaan van een door het College voor Promoties ingestelde commissie,
in het openbaar te verdedigen in de Agnietenkapel
op woensdag 14 juni 2017, te 12:00 uur

door

Que Chen

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Contents

Chapter 1
General introduction: Engineering a proton pumping rhodopsin as a complementary photosystem in *Synechocystis* sp. PCC6803

Chapter 2
‘Direct conversion’: Artificial photosynthesis with cyanobacteria

Chapter 3
Expression of *holo*-proteorhodopsin in *Synechocystis* sp. PCC6803

Chapter 4
Functional expression of *Gloeobacter* rhodopsin in *Synechocystis* sp. PCC6803

Chapter 5
Retinal metabolism in *Synechocystis* sp. PCC6803 and the formation of *holo*-proteorhodopsin

Chapter 6
Combining retinal-based and chlorophyll-based (oxygenic) photosynthesis: Proteorhodopsin expression increases growth rate and fitness of a ΔPSI-strain of *Synechocystis* sp. PCC6803

Chapter 7
General discussion: Potential applications of PR-based phototrophy and the challenges in exploring its physiological effect in *vivo*

References

Summary

Samenvatting

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List of publications