

Article

Photoresponsive Photoacid-Macroion Nano-Assemblies

Alexander Zika, Sarah Bernhardt and Franziska Gröhn*

Department of Chemistry and Pharmacy & Interdisciplinary Center for Molecular Materials, Friedrich-Alexander Universität Erlangen-Nürnberg, Egerlandstr. 3, D-91058 Erlangen. alexander.az.zika@fau.de (A.Z); sarah.bernhardt@fau.de (S.B)

* Correspondence: franziska.groehn@fau.de

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Supporting Information

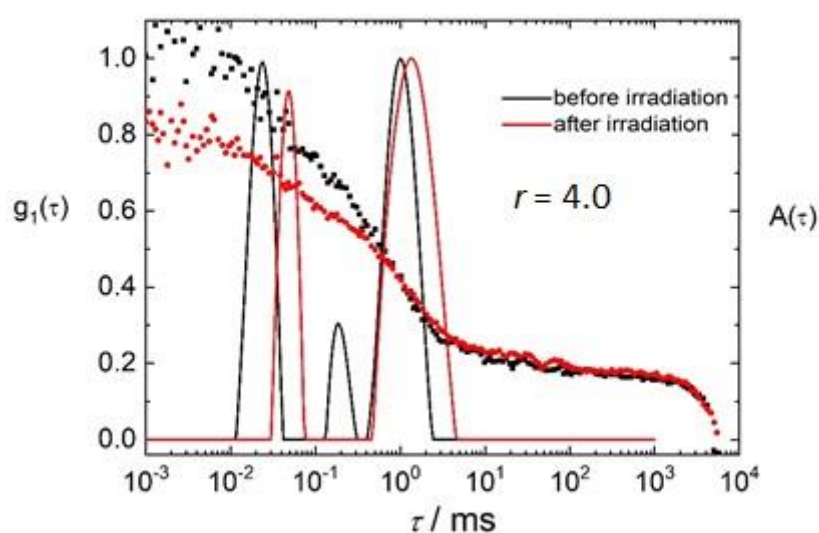


Figure S1. Assembly formation and photoresponse of the dendrimer-1N36S system at $r = 4.0$. DLS; electric field autocorrelation function $g^1(\tau)$ and distribution of relaxation times $A(\tau)$ at a scattering angle of $\theta = 90^\circ$.

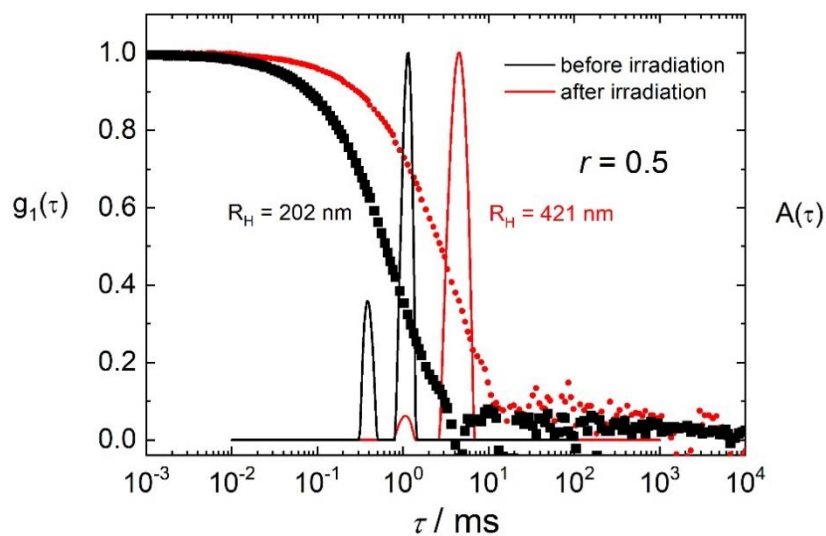


Figure S2. Assembly formation and photoresponse of the dendrimer-1N36S system at higher concentration at $r = 0.5$. DLS; electric field autocorrelation function $g^1(\tau)$ and distribution of relaxation times $A(\tau)$ at a scattering angle of $\theta = 90^\circ$.

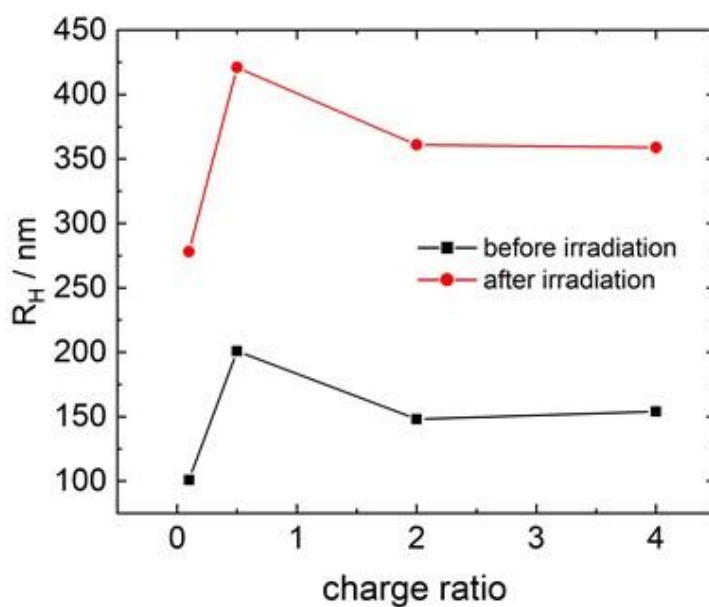


Figure S3. Assembly formation and photoresponse of the dendrimer-1N36S system at higher concentration ($c(1N36S) = 9.33 \cdot 10^{-3} \text{ mol/L}$). DLS; dependency of R_H on the charge ratio.

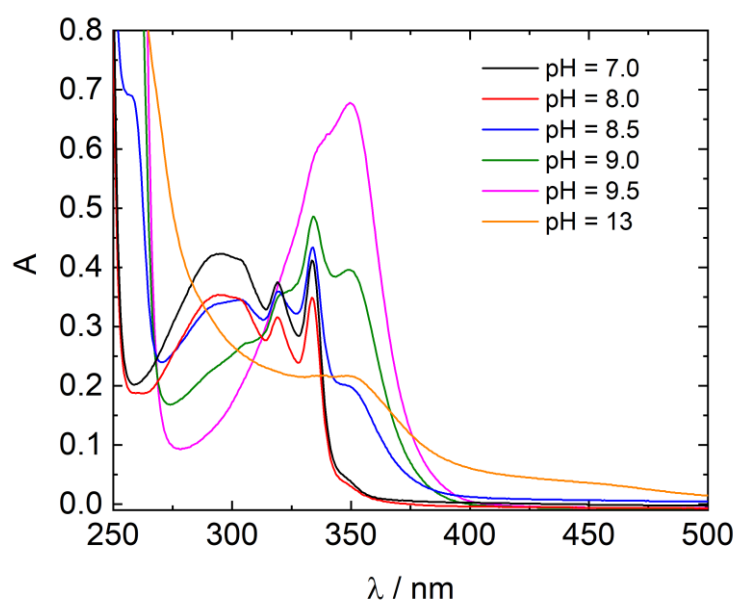


Figure S4. UV/Vis spectroscopy of the pH-dependency of 1N36S in solution.

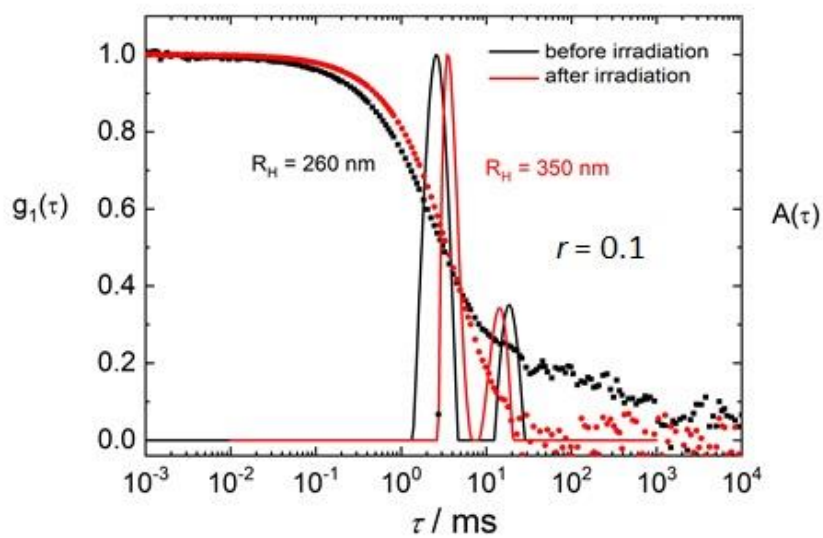


Figure S5. Assembly formation and photoresponse of the dendrimer-2N36S system at $r = 0.1$. DLS; electric field autocorrelation function $g_1(\tau)$ and distribution of relaxation times $A(\tau)$ at a scattering angle of $\theta = 90^\circ$.

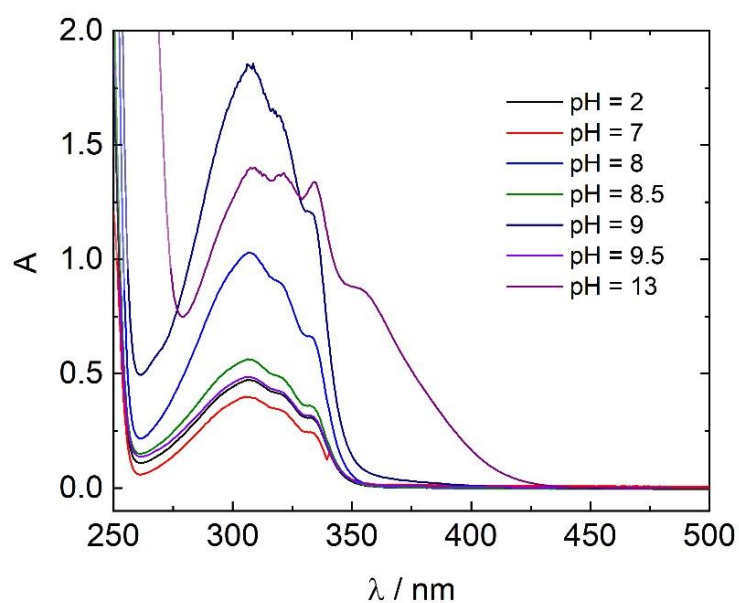


Figure S6. UV/Vis spectroscopy of the pH-dependency of 1N38S in solution.

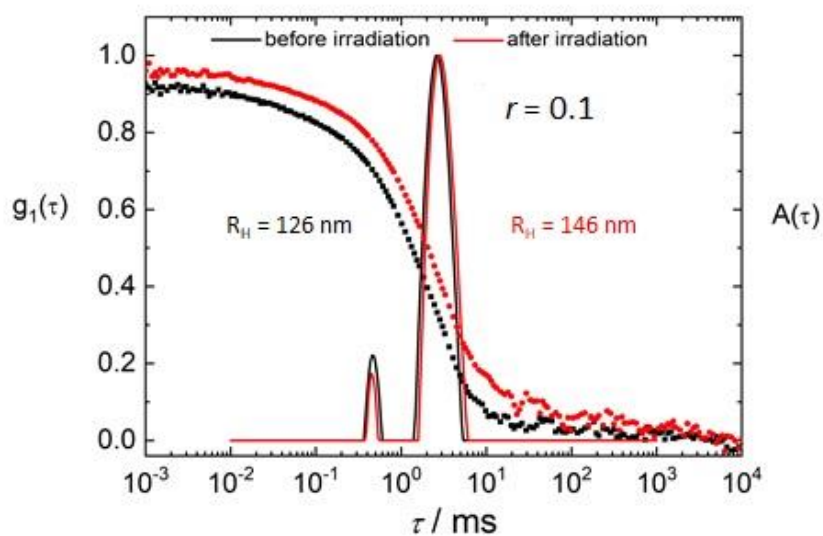


Figure S7. Assembly formation and photoresponse of the dendrimer-1N38S system at $r = 0.1$. DLS; electric field autocorrelation function $g_1(\tau)$ and distribution of relaxation times $A(\tau)$ at a scattering angle of $\theta = 90^\circ$.



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