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<b>Profile</b> Bas Hofs is a physical chemist working in the field of water treatment. His main research interests are: membranes, concentrate treatment, adsorbents, nanotechnology, emerging contaminants.	
<b>Education</b> <ul style="list-style-type: none"><li>• 2004-2008: PhD from Wageningen University, Colloids from oppositely charged polymers; reversibility and surface activity</li><li>• 1998-2003: Wageningen University, Molecular Sciences</li></ul>	
<b>Work experience</b> <ul style="list-style-type: none"><li>• 2009-now: Researcher water treatment at KWR watercycle research institute</li><li>• 2004-2008: PhD research on the formation of polyelectrolyte complexes in aqueous solutions</li></ul>	
<b>Projects</b> <ul style="list-style-type: none"><li>• Nanotechnology: Identifying and testing uses of nanotechnology for water treatment</li><li>• Techneau: Ceramic membranes for water treatment</li><li>• High Recovery Reverse Osmosis: Maximizing recovery in order to minimize the concentrate stream</li><li>• DPW (Dunea, Waternet, PWN) projects</li></ul>	
<b>Publications</b> Peer reviewed journals <ul style="list-style-type: none"><li>• Brzozowska, A.M.; <u>Hofs, B.</u>; de Keizer, A.; Fokkink, R.; Cohen Stuart, M.A.; Norde, W., 2009, <i>Reduction of protein adsorption on silica and polystyrene surfaces by reversible adsorbed complex coacervate core micelles</i>, 347, 146-155</li><li>• <u>Hofs, B.</u>; Brzozowska, A.; de Keizer, A.; Norde, W.; Cohen Stuart M.A., 2008, <i>Reduction of protein adsorption to a solid surface by a coating of polymeric micelles with a glass-like core</i>, Journal of Colloid and Interface Science, 325, 2, 309-315</li><li>• <u>Hofs, B.</u>; van der Burgh, S.; de Keizer, A.; Leermakers, F.A.M.; Cohen Stuart, M.A., 2008, <i>Complex coacervate core micro-emulsions</i>, Soft Matter, 4, 7, 1473-1482</li><li>• Voets, I.K.; de Vos, W.M.; <u>Hofs, B.</u>; de Keizer, A.; Cohen Stuart, M.A.; Steitz, R.; Lott, D., 2008, <i>Internal structure of a thin film of mixed polymeric micelles on a solid/liquid interface</i>, Journal of Physical Chemistry B, 112, 23, 6937-6945</li></ul>	

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- Koster, G.; VanDuijn, M.; Hofs, B.; Dogterom, M., 2003, *Membrane tube formation from giant vesicles by dynamic association of motor proteins*, Proceedings of the National Academy of Sciences, 100, 26, 15583-15588

#### Conference proceedings

- Cornelissen, E.R.; Hofs, B.; Muller, U.; Beerendonk, E.F.; Heijman, S.G.J., 2009, *Direct and hybrid ceramic microfiltration in water treatment*, TECHNEAU: Safe drinking water from source to tap, Maastricht, IWA Publishing, 83-97
- Hofs, B.; Heijman, S.G.J.; Hamad, J.Z.; Kennedy, M.; Amy, G., 2009, *Ceramic microfiltration with a sub-micron PAC pre-coat for water treatment*, 8. Aachener Tagung Wasser und Membranen, Aachen, W12
- Hofs, B.; Heijman, S.G.J.; Hamad, J.Z.; Kennedy, M.; Amy, G., 2009, *Ceramic microfiltration with a sub-micron PAC pre-coat for water treatment*, Water Quality and Technology Conference, Seattle, MON8

#### Professional journals

- Hofs, B.; Cornelissen, E.R., 2009, *Coagulation and ceramic microfiltration/ultrafiltration for drinking water treatment*, NPT procestechologie 4, 30-31