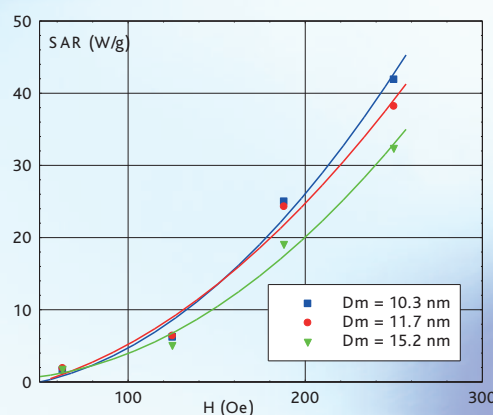
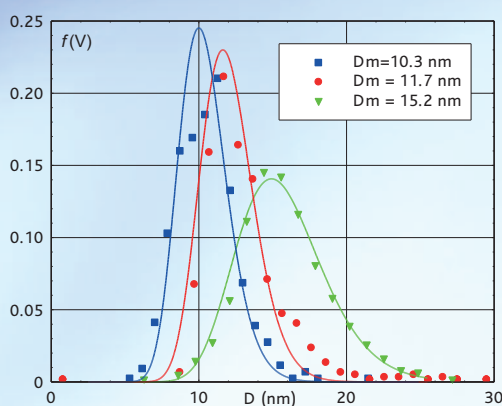
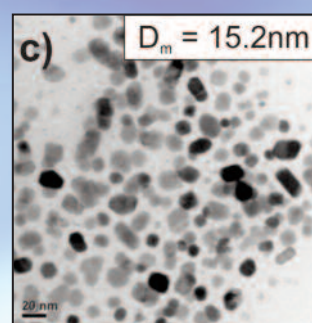
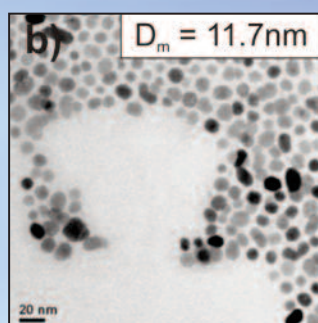
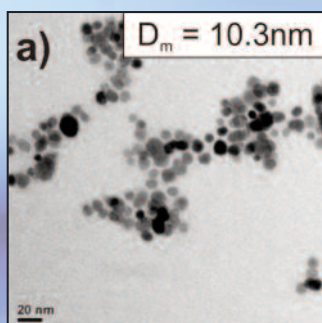
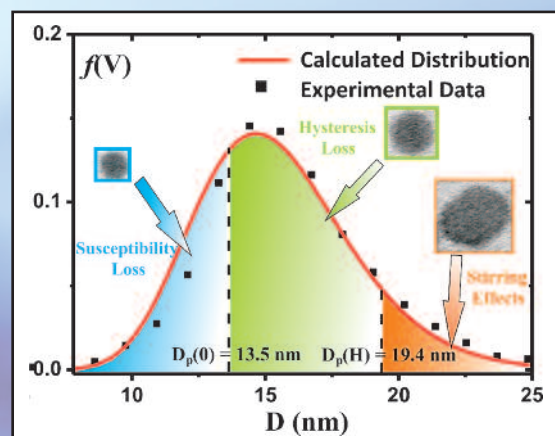


- A new process produces nanoparticles ideal for magnetic hyperthermia.
- Three mechanisms contribute to magnetic hyperthermia
 - susceptibility loss
 - hysteresis loss
 - viscous heating (stirring)
- In the diagram the size ranges for the three mechanisms are shown.



- HyperMAG[®] particles are available with median diameters of 10.3, 11.7 and 15.2 nm
- Particles are non-toxic due to an aqueous process for production.

Product	Core size (nm)	Hydrodynamic size (nm)	Zeta-potential (mV)	Fe conc. (mg/ml)	Solvent
HyperMAG [®] A	10.3	100	-40	10	dH ₂ O
HyperMAG [®] B	11.7	100	-40	10	dH ₂ O
HyperMAG [®] C	15.2	100	-40	10	dH ₂ O

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