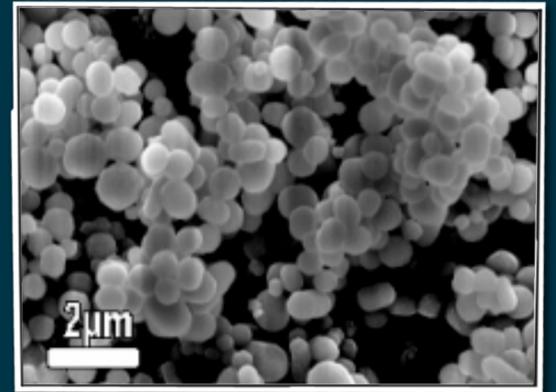
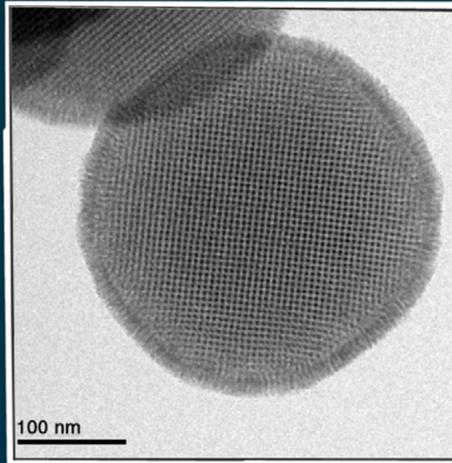
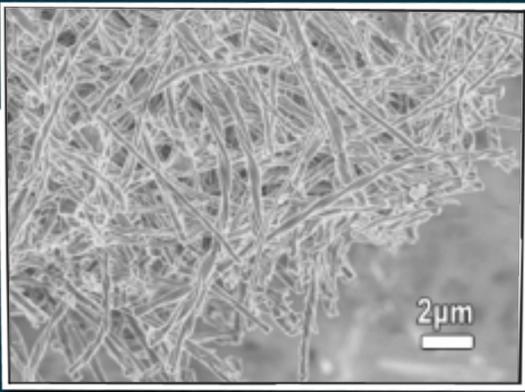




NLAB Drug Delivery

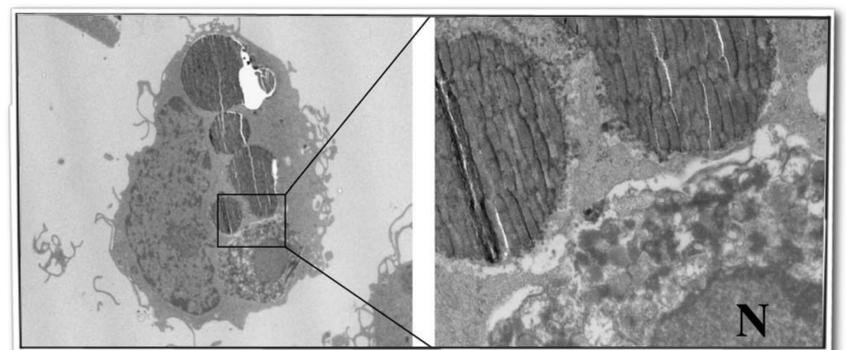
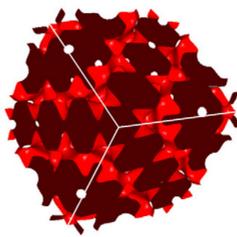
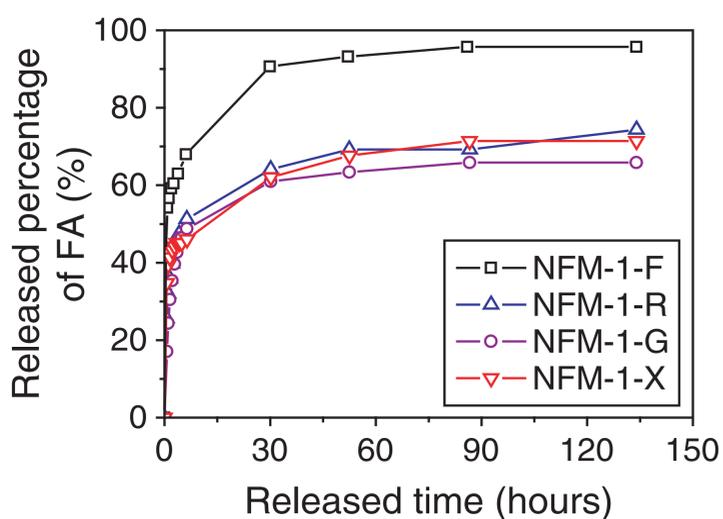
We develop drug delivery customised solutions using Nanologica's revolutionary porous materials



Total control release

Our patented techniques allow us to create highly porous silica particles with the following properties:

- Ordered pore network homogeneous in size: for fine tuning of drug release kinetics.
- High pore volume: for high drug loading capacity.
- Functionalizable surface: for the incorporation of both hydrophobic and hydrophilic drugs.
- Biocompatible: both oral and intravenous administration.



Uptake of mesoporous silica particles does not interfere with macrophage engulfment of apoptotic target cells.

Benefits

- Avoiding impaired drug absorption of co-administered drugs.
- Improving the oral absorption and systemic exposure of poorly absorbed, insoluble drugs and drug candidates.
- Making drug absorption more predictable (less inter-individual variability) and hence safer and more effective.
- Targeting of drug release through functionalisation of particles surface.
- A new orally safe biocompatible material with added functionality ensuring short development timelines and low associated costs.