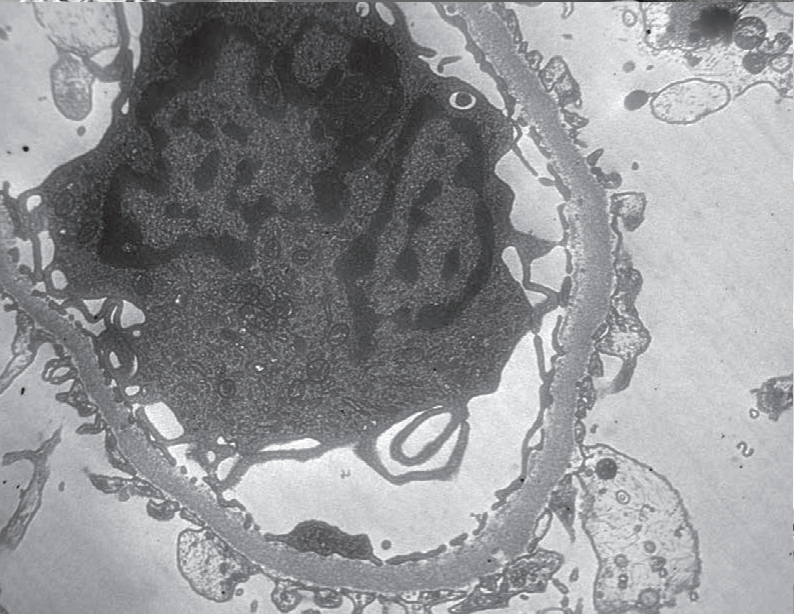
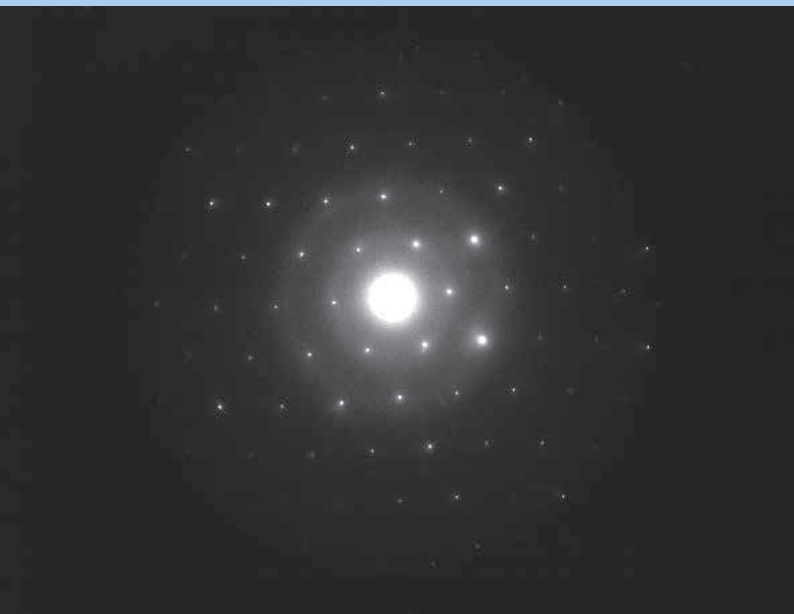
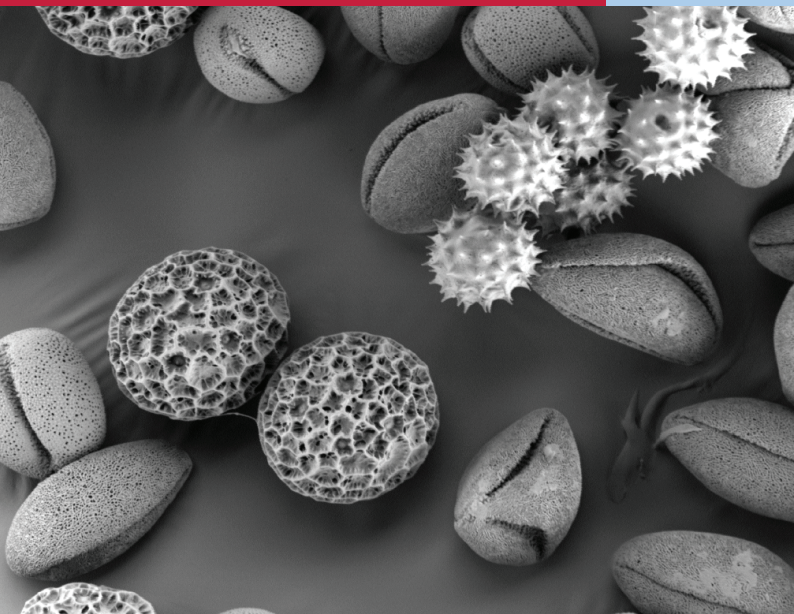


# LVEM 5

Low Voltage Electron Microscope  
Applications Brochure



# LVEM 5 APPLICATIONS

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## Material Sciences

Nanomaterials

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Polymers

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Chemistry

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Electron Diffraction

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Inspection

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## Life Sciences

Biochemistry

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Virology

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Pathology

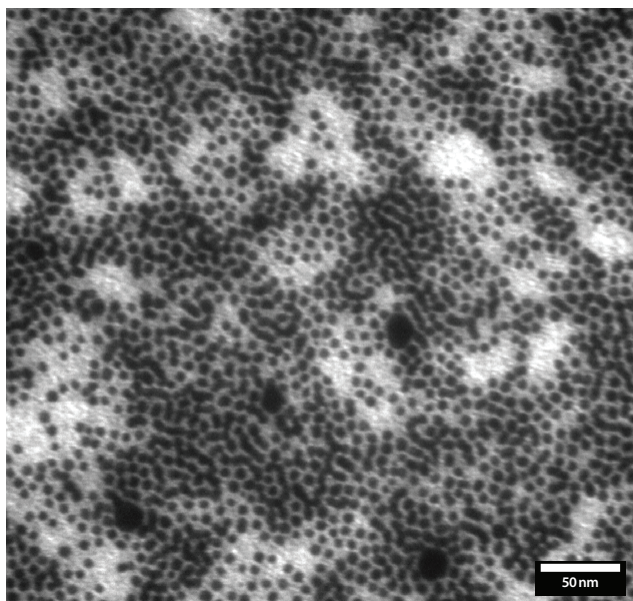
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Botany

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Biology

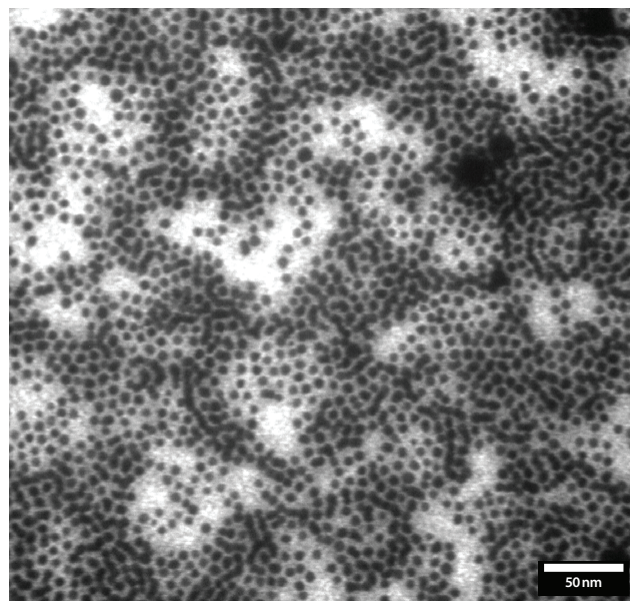
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## TEM: PtNi Nanoparticles

*Particles on carbon film*

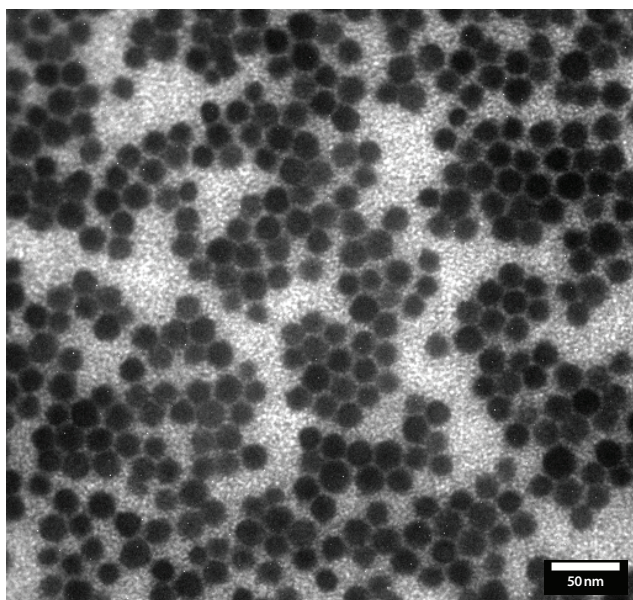
5–6 nm particles protected by organic surfactants



## TEM: PtNi Nanoparticles

*Particles on carbon film*

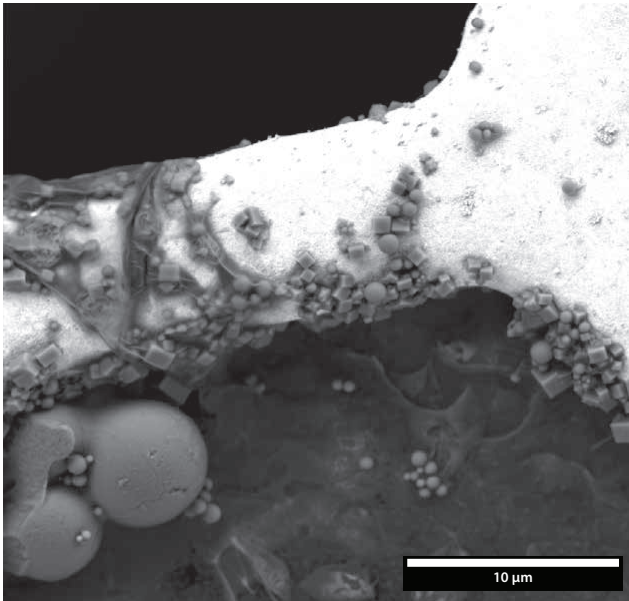
5–6 nm particles protected by organic surfactants



## TEM: PbS Nanoparticles

*Particles on carbon film*

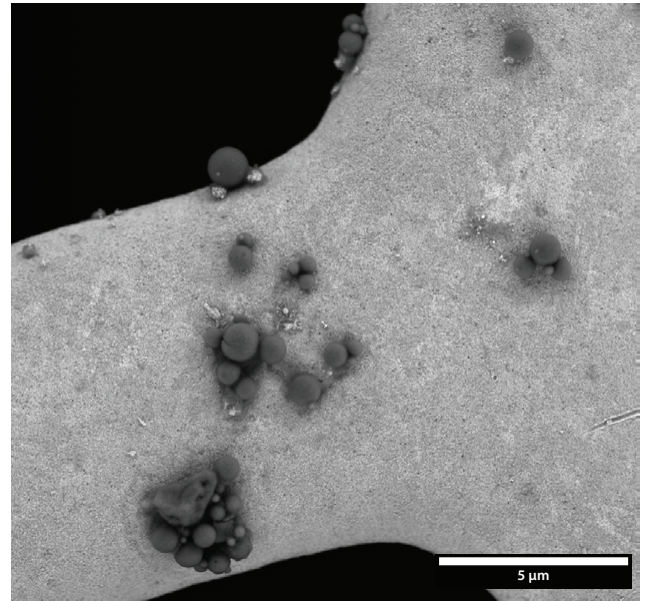
8 nm particles



## SEM: FeO Particles

*Particles on stub*

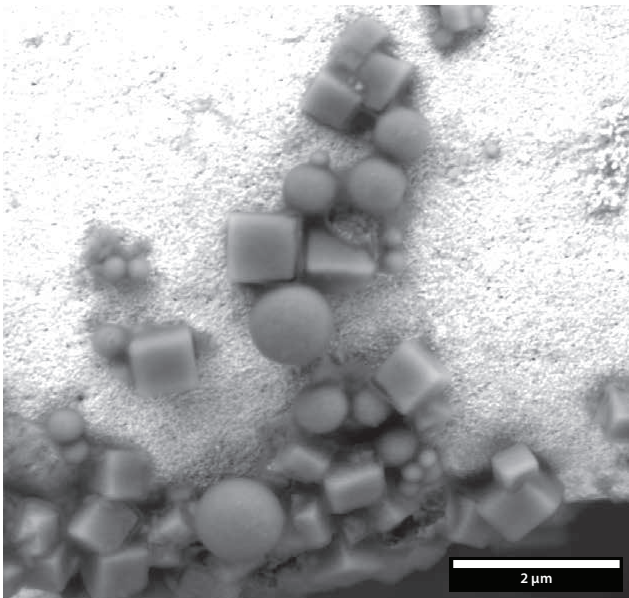
BSE. Uncoated particles with a few nm layer of silica coating on the surface



## SEM: FeO Particles

*Particles on stub*

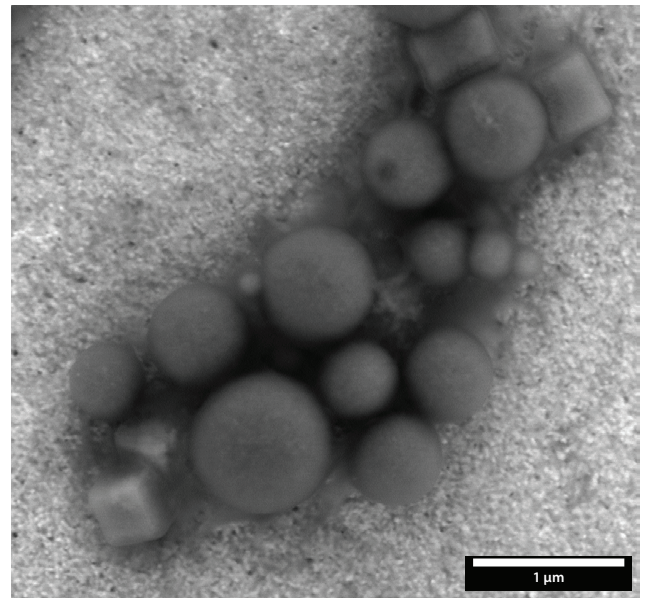
BSE. Uncoated particles with a few nm layer of silica coating on the surface



## SEM: FeO Particles

*Particles on stub*

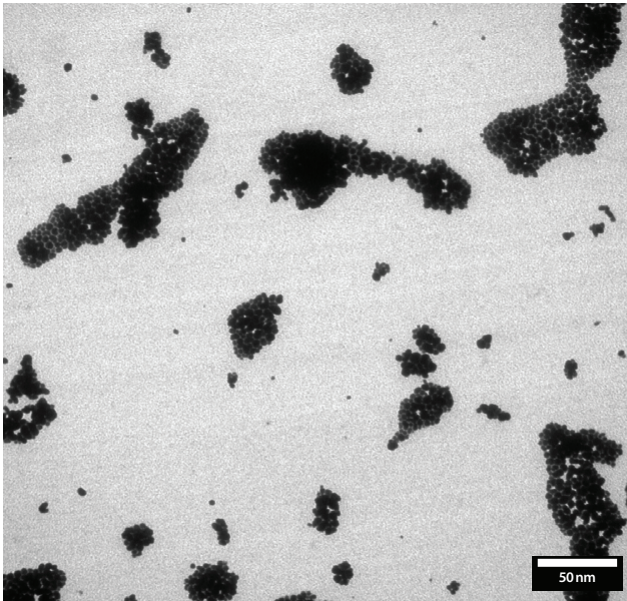
BSE. Uncoated particles with a few nm layer of silica coating on the surface



## SEM: FeO Particles

*Particles on stub*

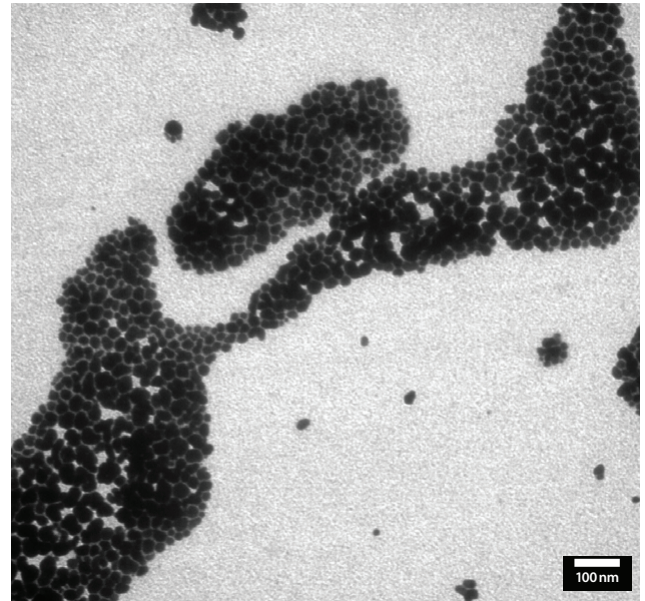
BSE. Uncoated particles with a few nm layer of silica coating on the surface



## TEM: FeO Nanoparticles

*Particles on carbon film*

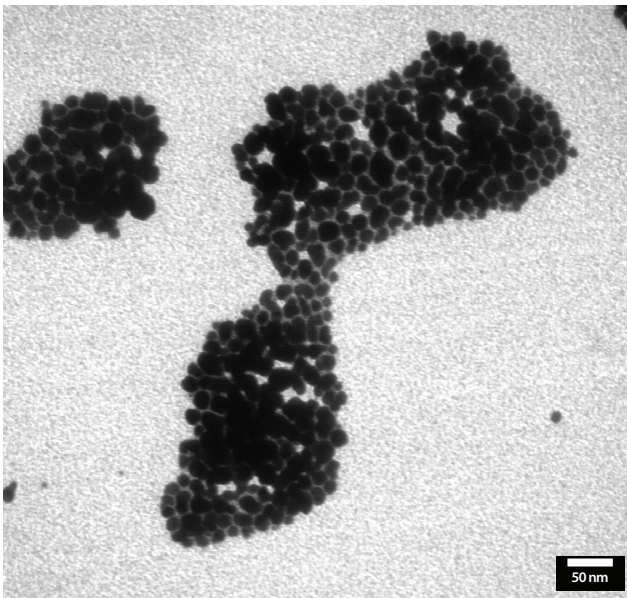
15 nm particles



## TEM: FeO Nanoparticles

*Particles on carbon film*

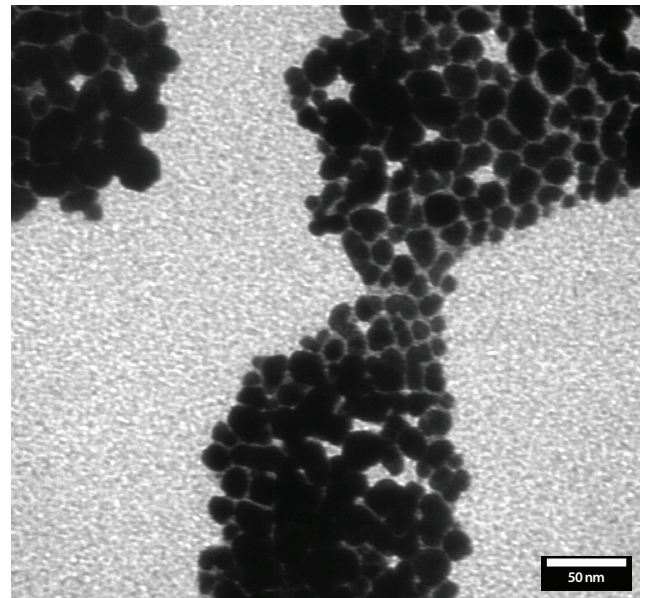
15 nm particles



## TEM: FeO Nanoparticles

*Particles on carbon film*

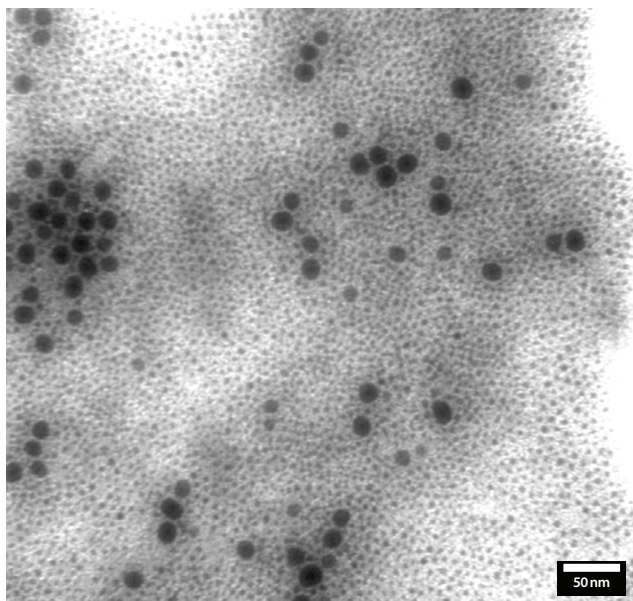
15 nm particles



## TEM: FeO Nanoparticles

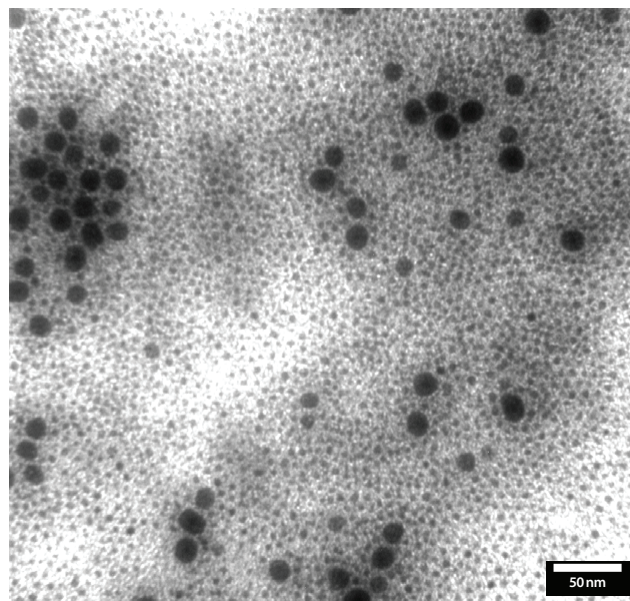
*Particles on carbon film*

15 nm particles



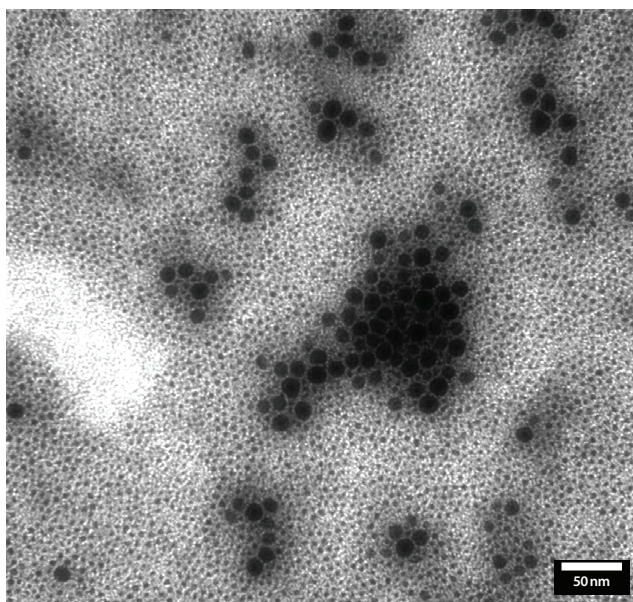
## TEM: Fe Nanoparticles

*Particles on carbon film*



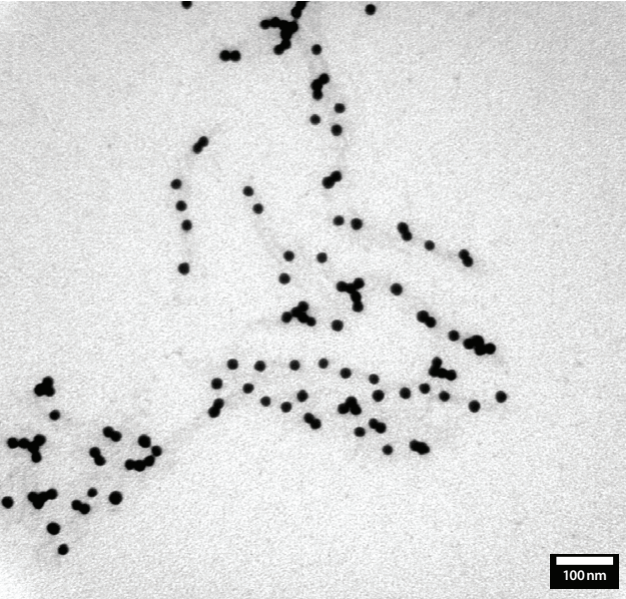
## TEM: Fe Nanoparticles

*Particles on carbon film*



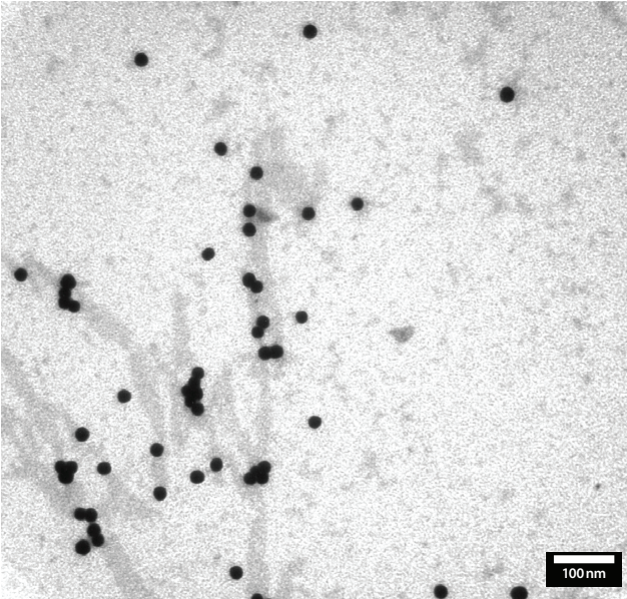
## TEM: Fe Nanoparticles

*Particles on carbon film*



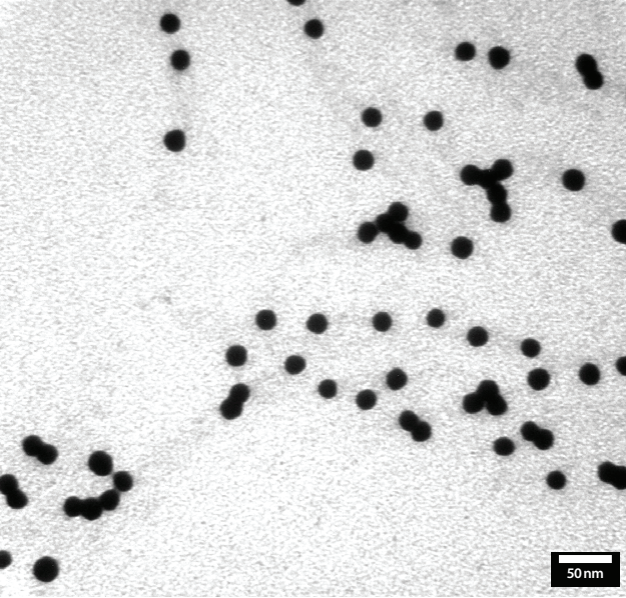
**TEM: Au Nanoparticles**

*Particles on carbon film*  
Gold particles



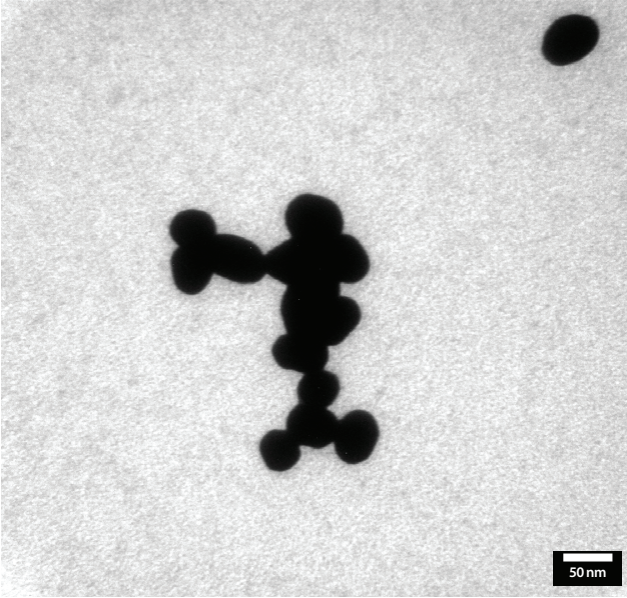
**TEM: Au Nanoparticles**

*Particles on carbon film*  
Gold particles



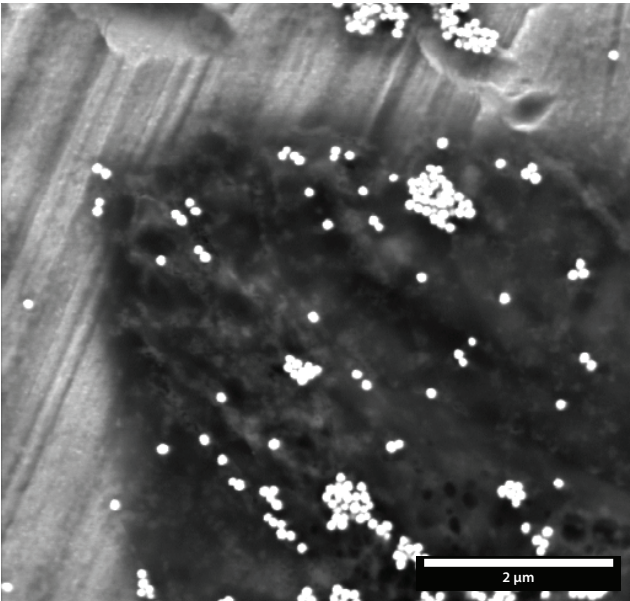
**TEM: Au Nanoparticles**

*Particles on carbon film*  
Gold particles



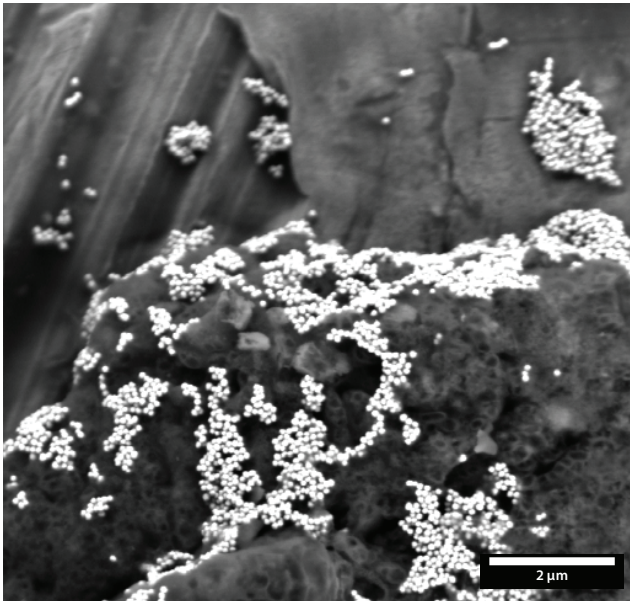
**TEM: Au Nanoparticles**

*Particles on carbon film*  
Gold particles



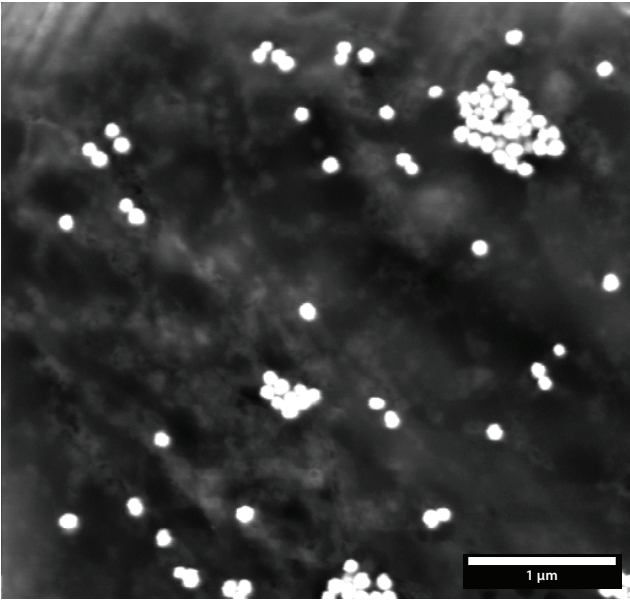
**SEM: Au Nanoparticles**

*Particles on stub*  
BSE. 80 nm particles on organic material



**SEM: Au Nanoparticles**

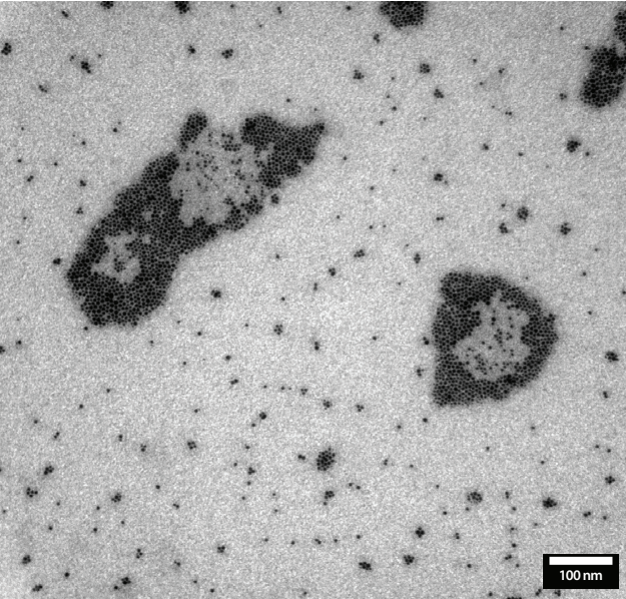
*Particles on stub*  
BSE. 80 nm particles on organic material



**SEM: Au Nanoparticles**

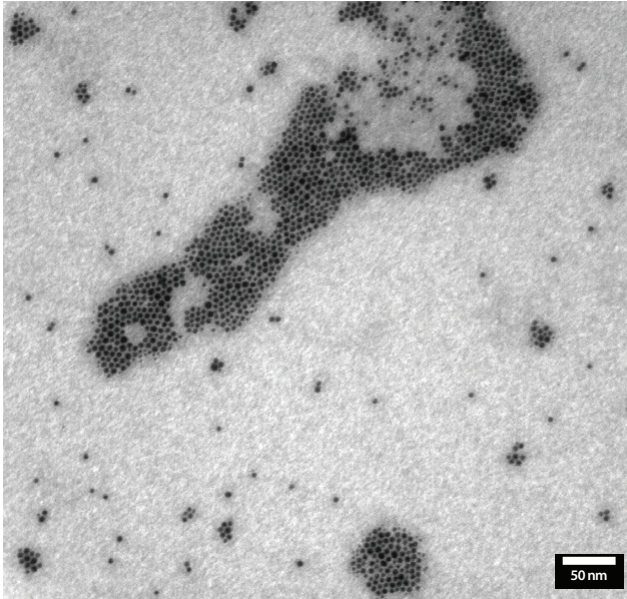
*Particles on stub*  
BSE. 80 nm particles on organic material





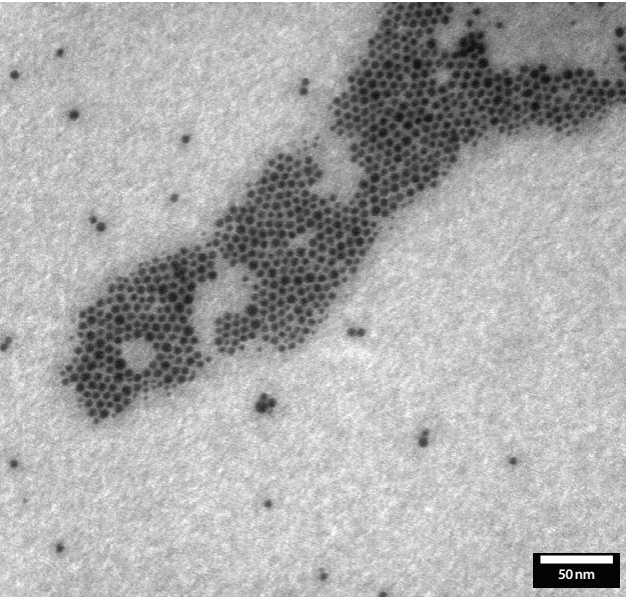
**TEM: Au Nanoparticles**

*Particles on carbon film*



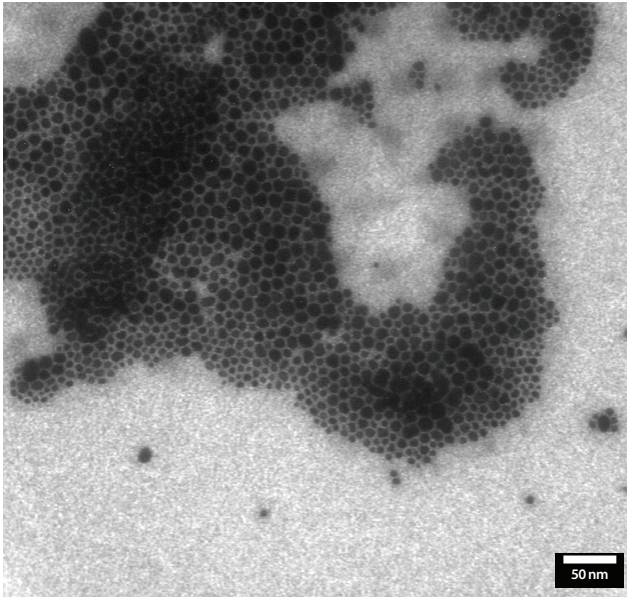
**TEM: Au Nanoparticles**

*Particles on carbon film*



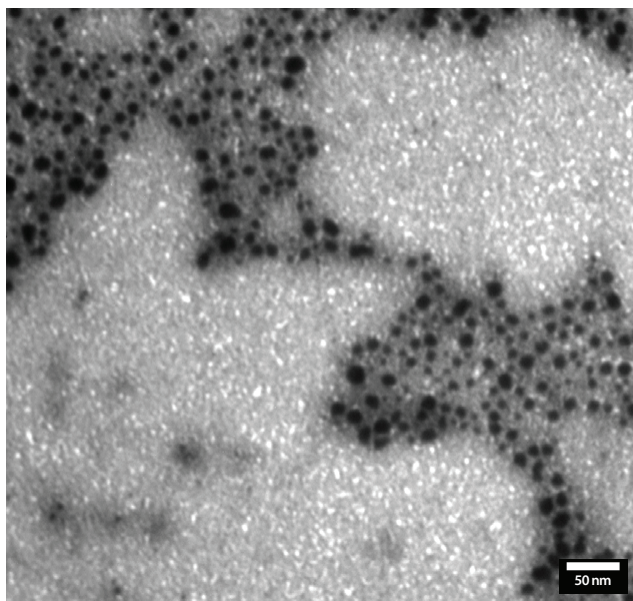
**TEM: Au Nanoparticles**

*Particles on carbon film*



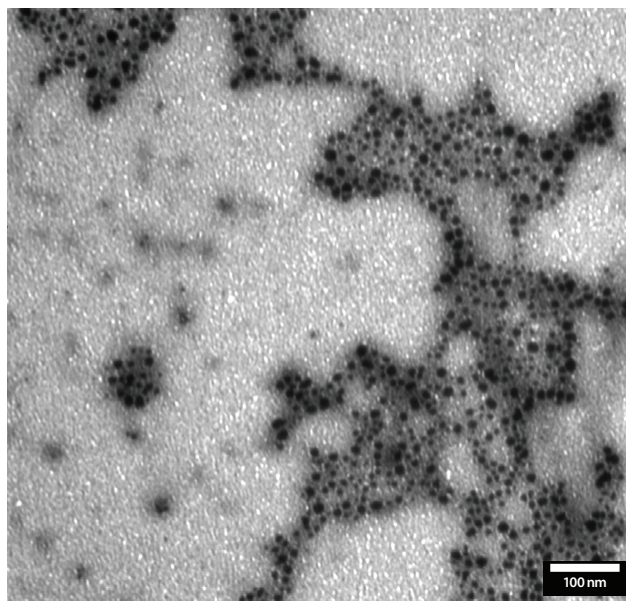
**TEM: Au Nanoparticles**

*Particles on carbon film*



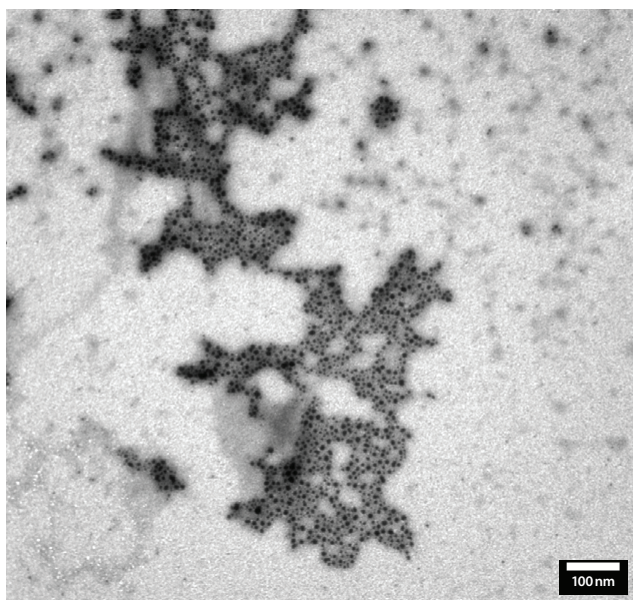
**TEM: Ag Nanoparticles**

*Particles on carbon film*



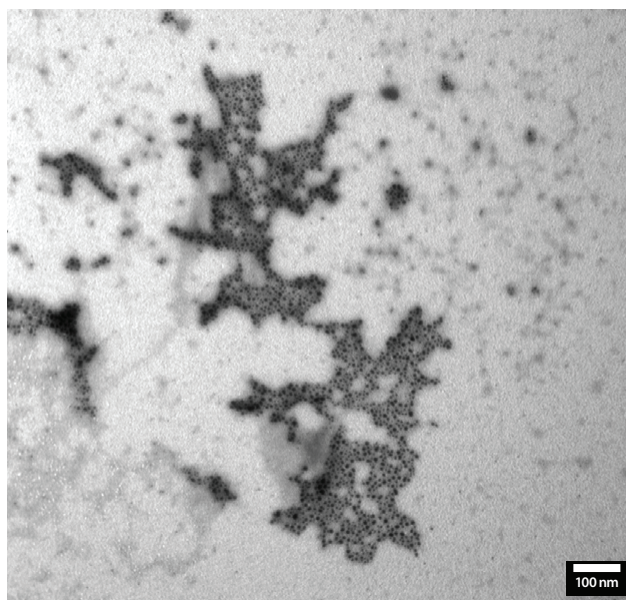
**TEM: Ag Nanoparticles**

*Particles on carbon film*



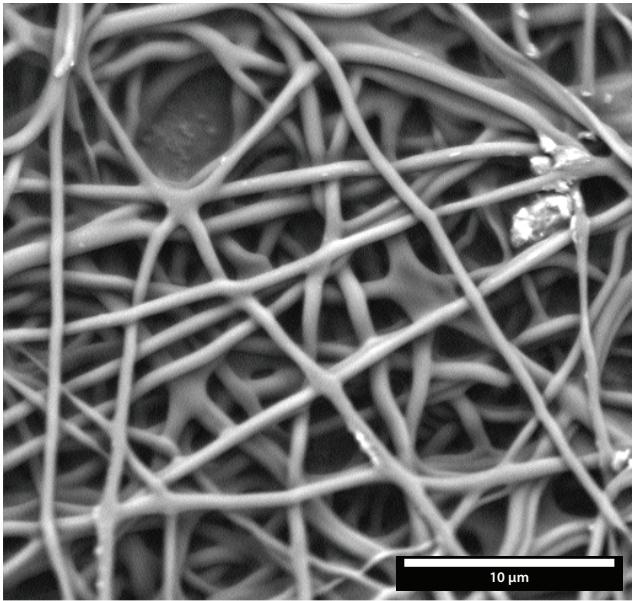
**TEM: Ag Nanoparticles**

*Particles on carbon film*



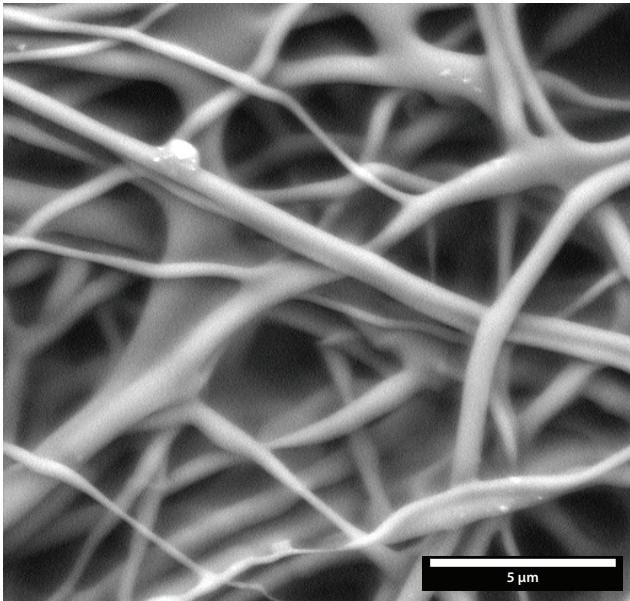
**TEM: Ag Nanoparticles**

*Particles on carbon film*



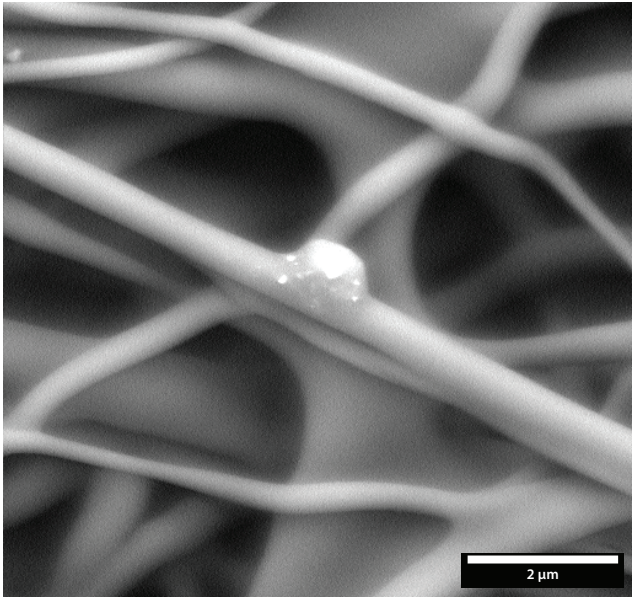
**SEM: Ag on Polysulfone**

*Sample on stub*  
BSE. Nanoparticles on filter material



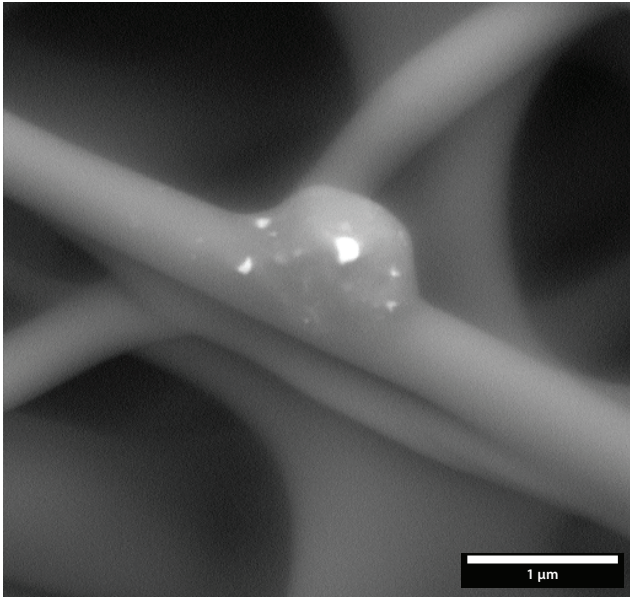
**SEM: Ag on Polysulfone**

*Sample on stub*  
BSE. Nanoparticles on filter material



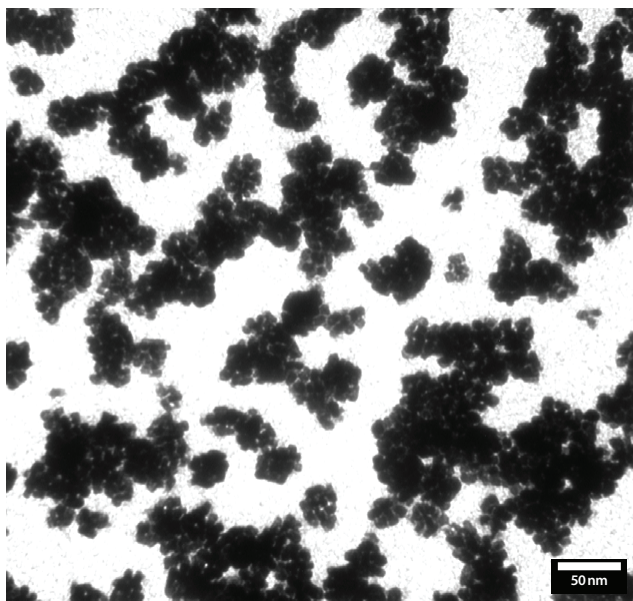
**SEM: Ag on Polysulfone**

*Sample on stub*  
BSE. Nanoparticles on filter material



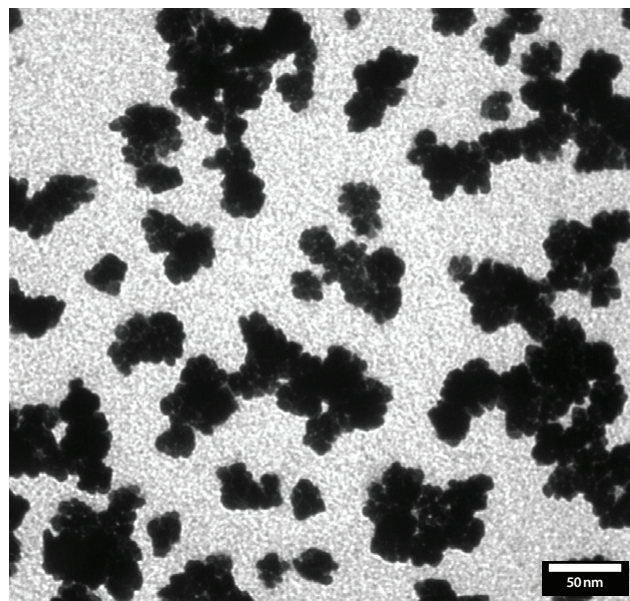
**SEM: Ag on Polysulfone**

*Sample on stub*  
BSE. Nanoparticles on filter material



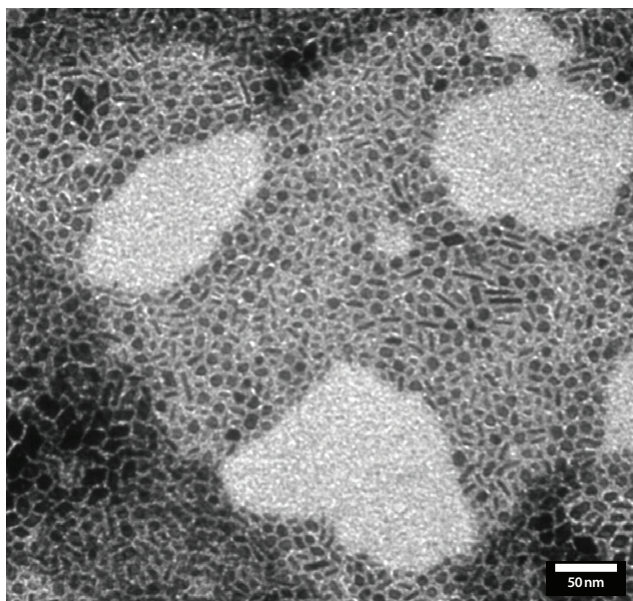
**TEM: ZnO Nanoparticles**

*Particles on carbon film*



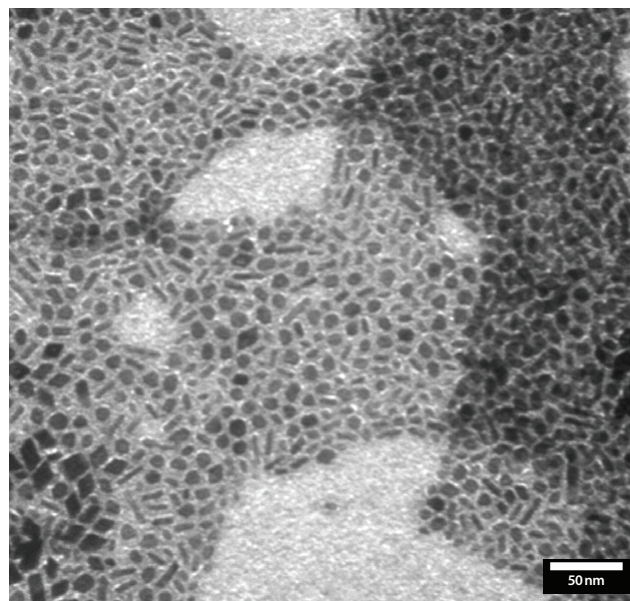
**TEM: ZnO Nanoparticles**

*Particles on carbon film*



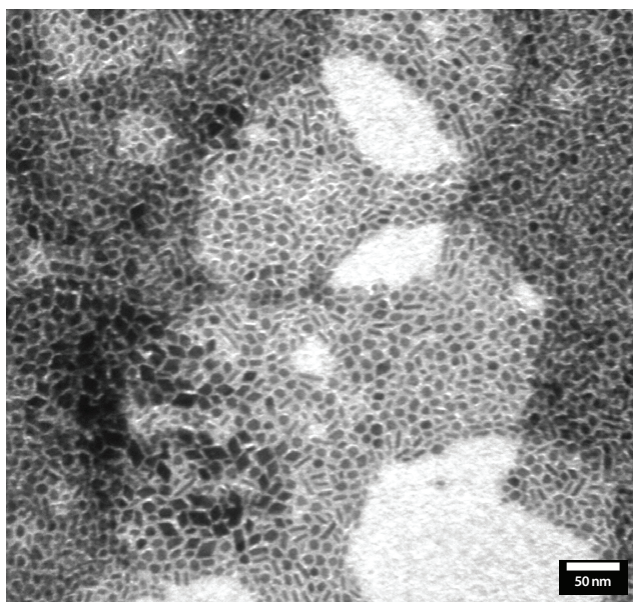
**TEM: Yb Nanoparticles**

*Particles on carbon film*



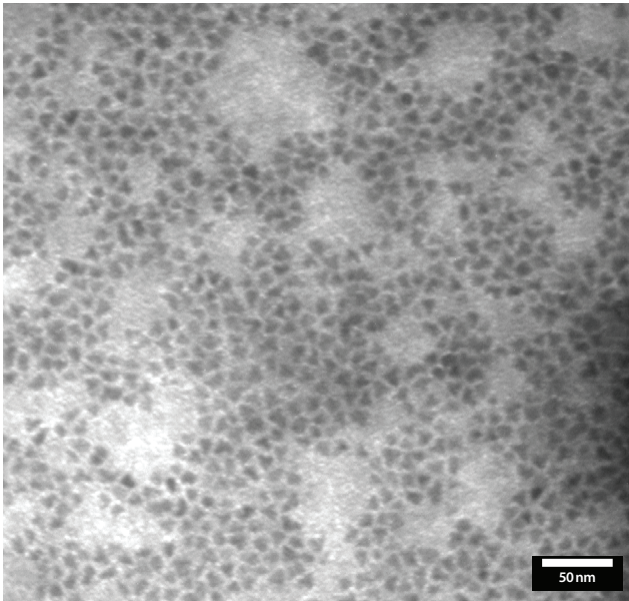
**TEM: Yb Nanoparticles**

*Particles on carbon film*



**TEM: Yb Nanoparticles**

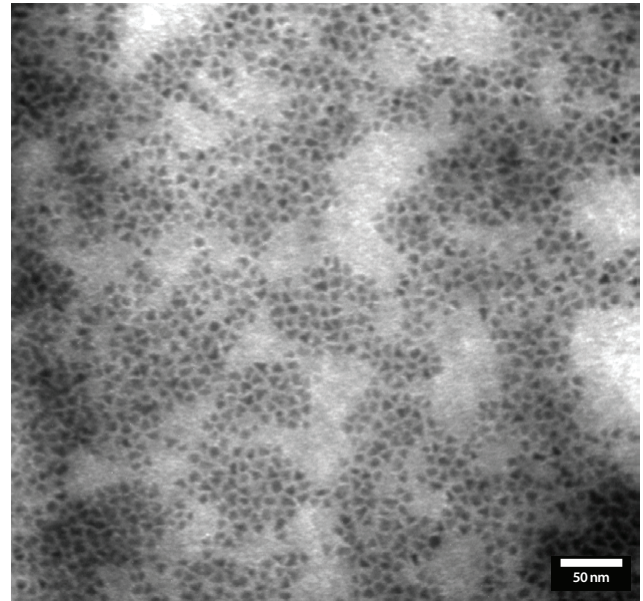
*Particles on carbon film*



## TEM: CdSe Quantum Dots

*Particles on carbon film*

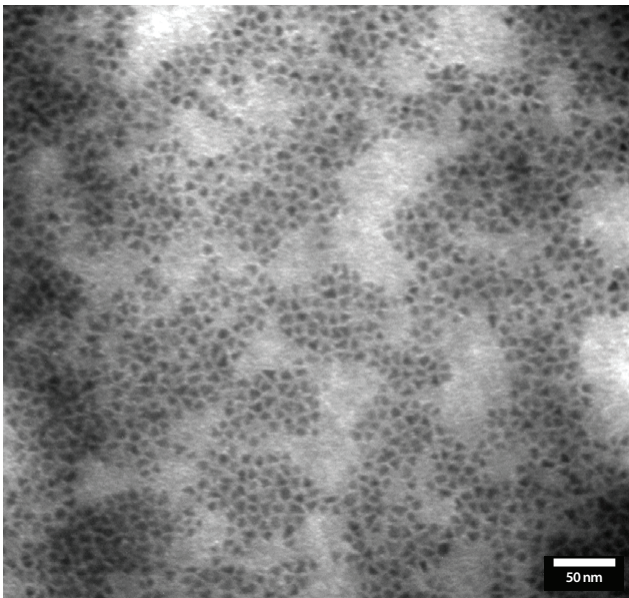
6 nm particles



## TEM: CdSe Quantum Dots

*Particles on carbon film*

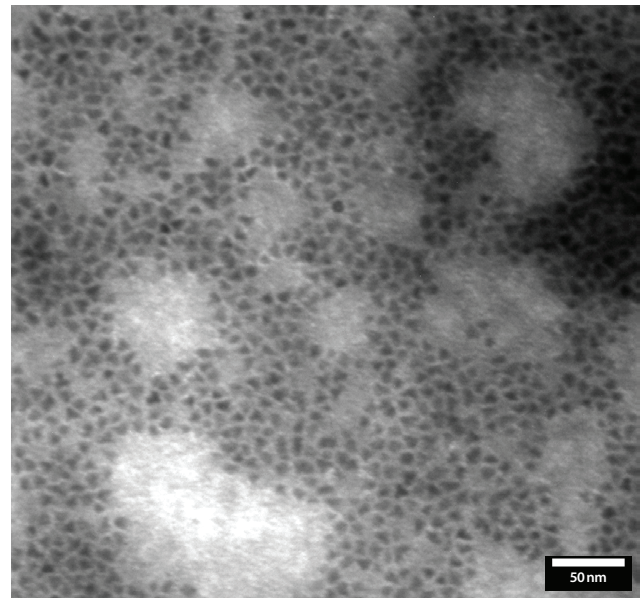
6 nm particles



## TEM: CdSe Quantum Dots

*Particles on carbon film*

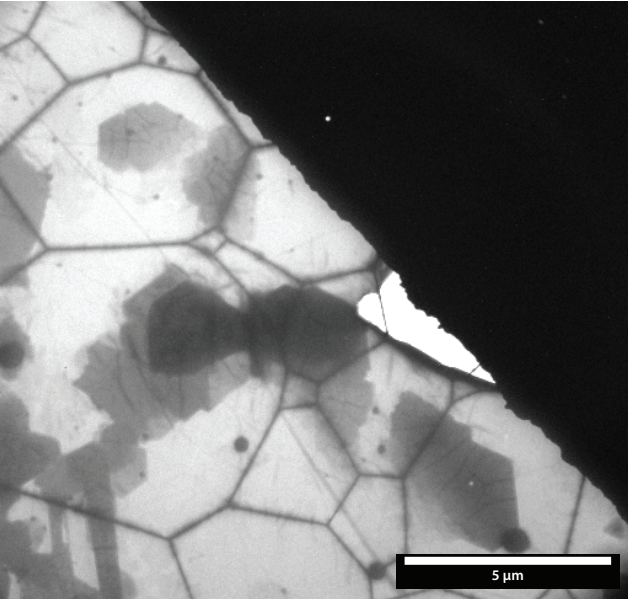
6 nm particles



## TEM: CdSe Quantum Dots

*Particles on carbon film*

6 nm particles



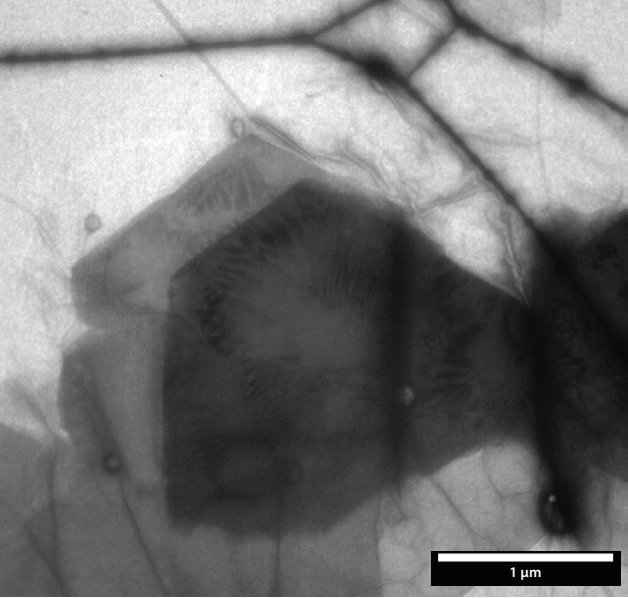
**TEM: Graphene Flakes**

*Particles on lacey carbon*



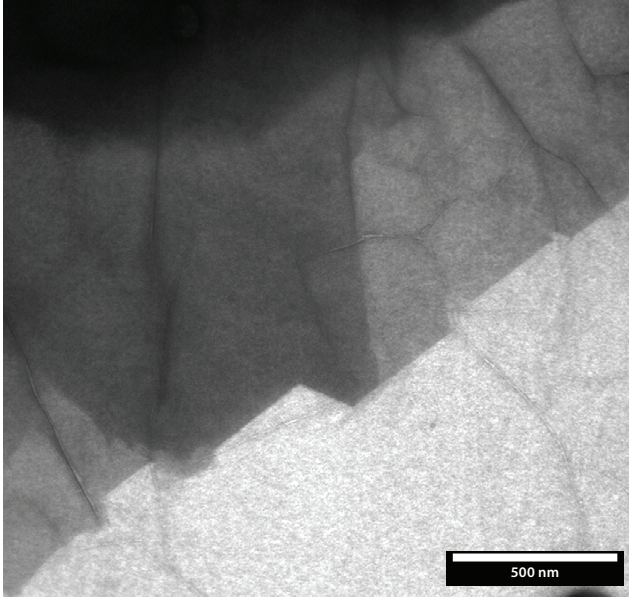
**TEM: Graphene Flakes**

*Particles on lacey carbon*



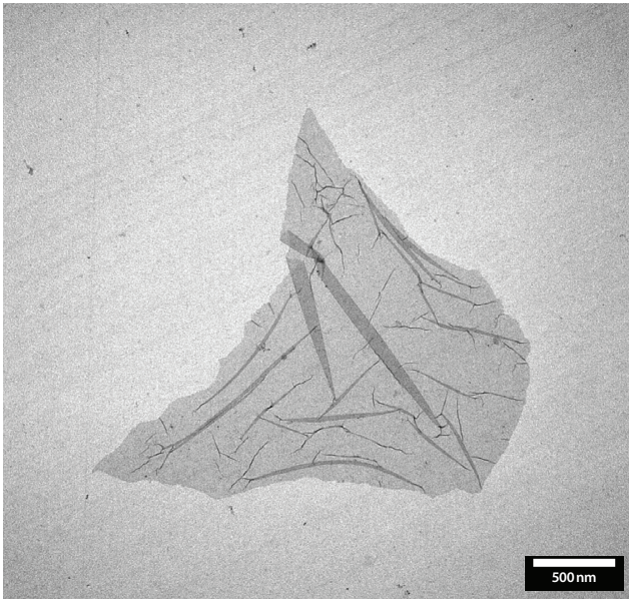
**TEM: Graphene Flakes**

*Particles on lacey carbon*



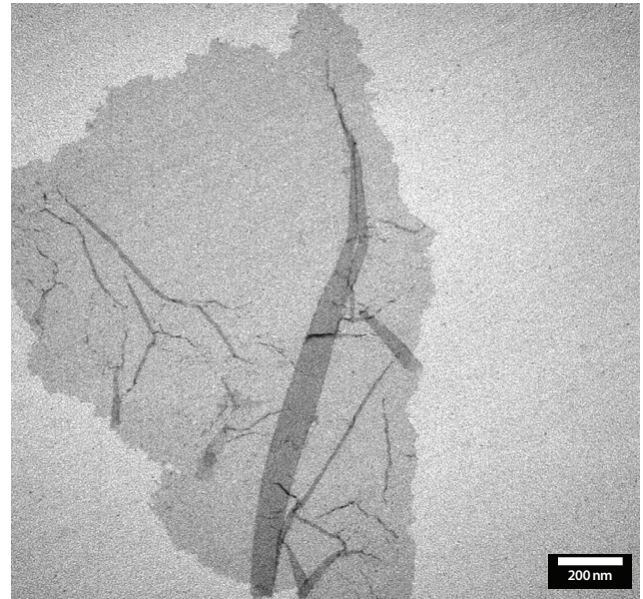
**TEM: Graphene Flakes**

*Particles on lacey carbon*



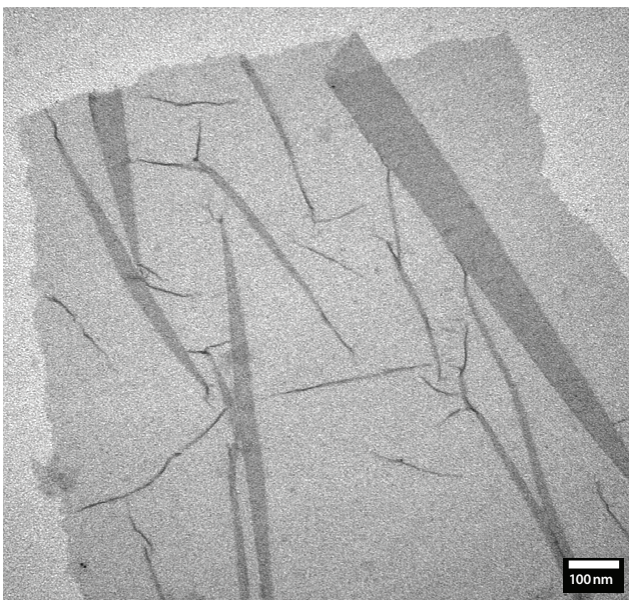
**TEM: Graphene Oxide Crystal**

*Particles on carbon film*



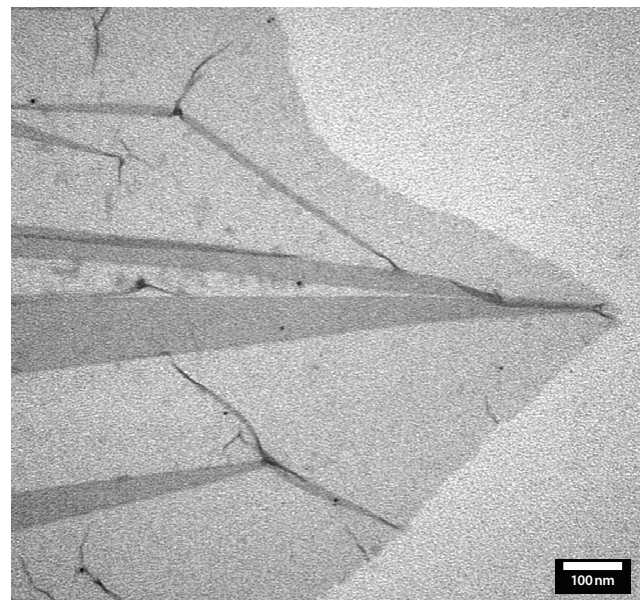
**TEM: Graphene Oxide Crystal**

*Particles on carbon film*



**TEM: Graphene Oxide Crystal**

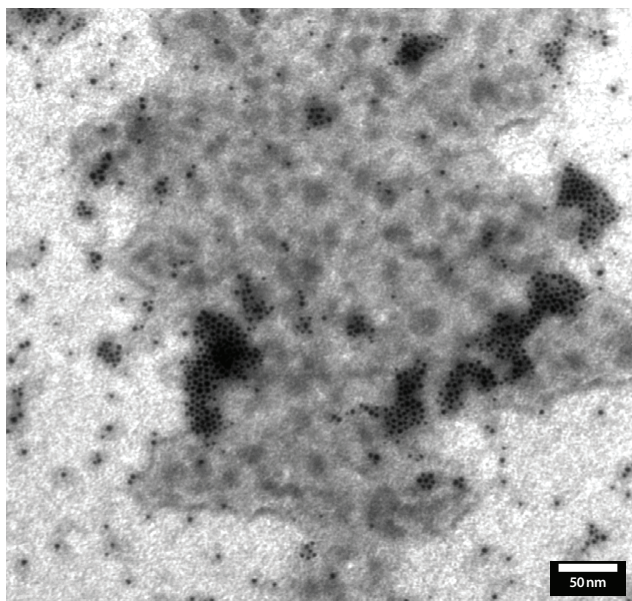
*Particles on carbon film*



**TEM: Graphene Oxide Crystal**

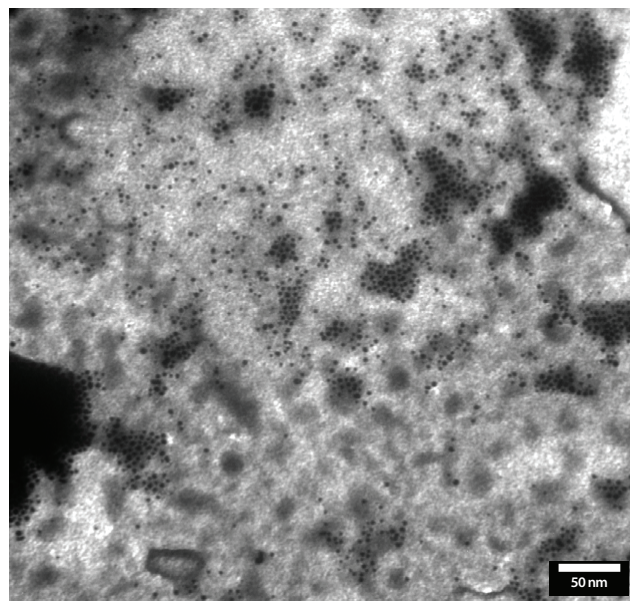
*Particles on carbon film*





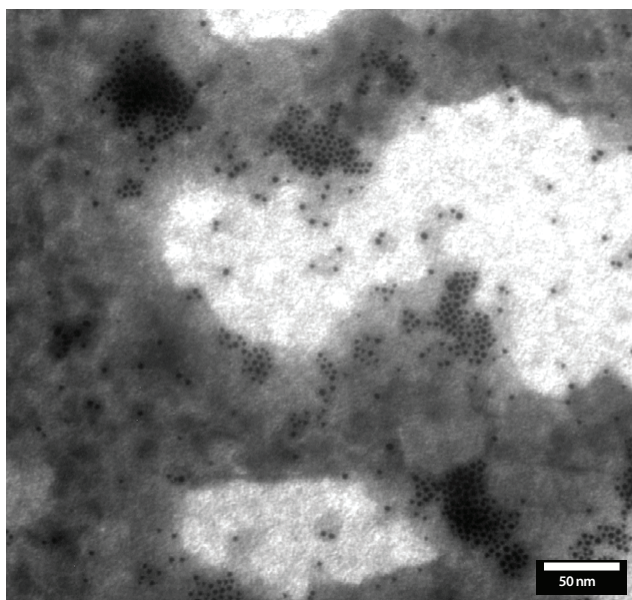
## TEM: Protein-Bound Nanoparticles

*Particles on carbon film*



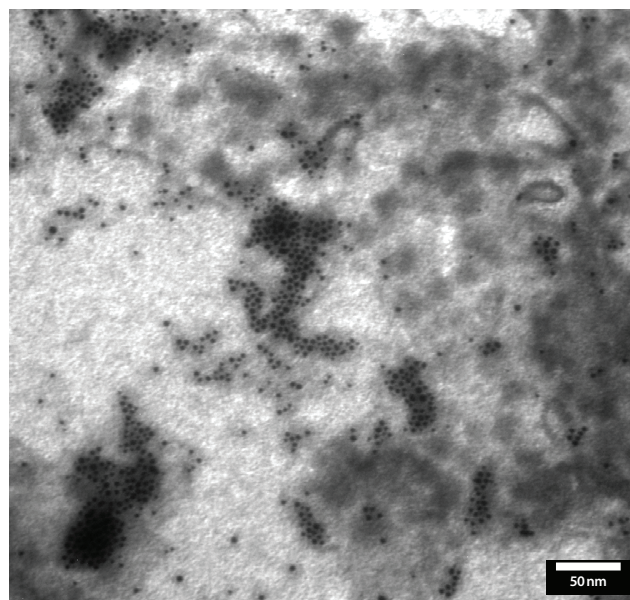
## TEM: Protein-Bound Nanoparticles

*Particles on carbon film*



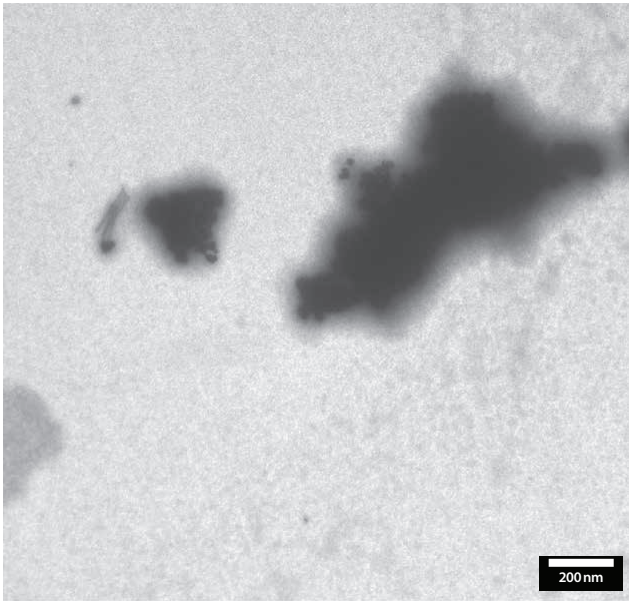
## TEM: Protein-Bound Nanoparticles

*Particles on carbon film*



## TEM: Protein-Bound Nanoparticles

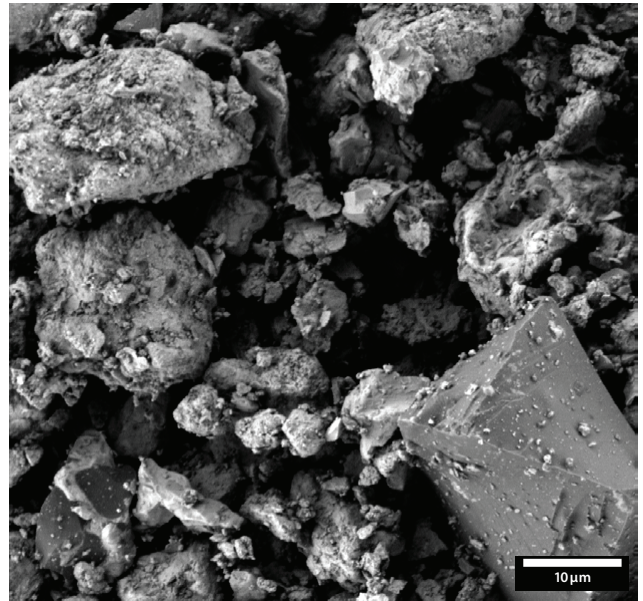
*Particles on carbon film*



## TEM: ZnO in Yoghurt

*Particles on carbon film*

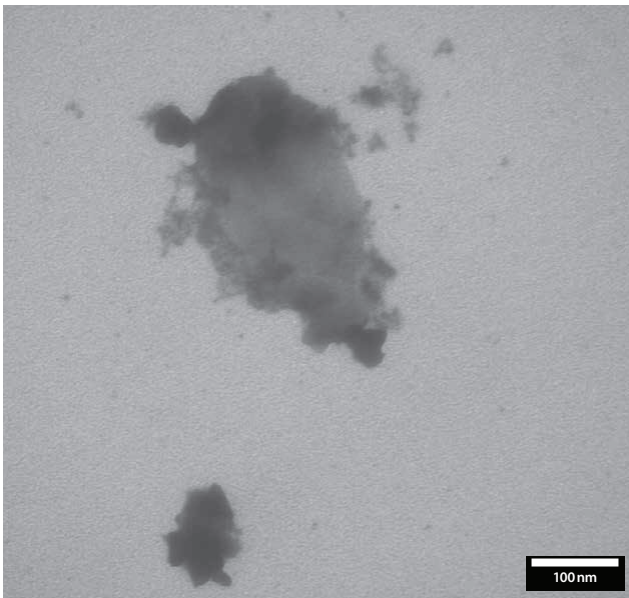
ZnO nanoparticles in yoghurt



## SEM: TiMoAl

*Particles on stub*

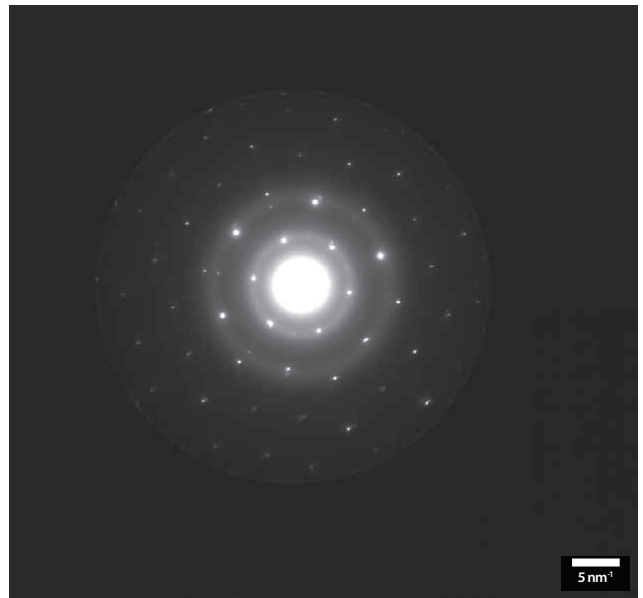
BSE. Uncoated



## TEM: TiMoAl

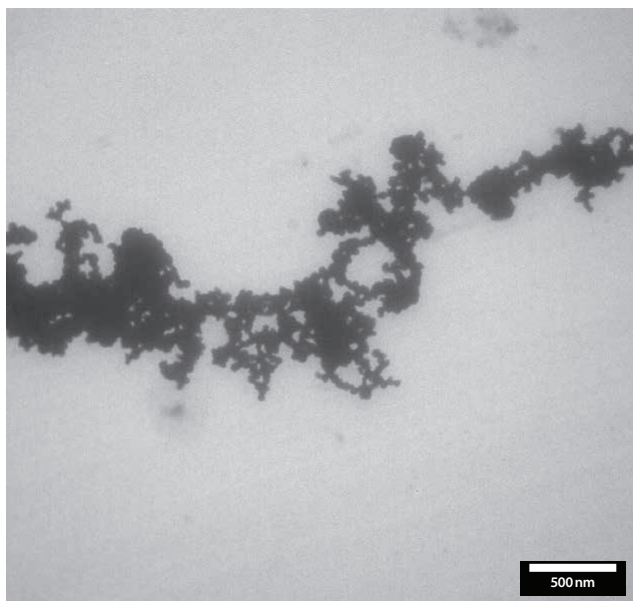
*Particles on carbon film*

diluted by IPA



## ED: TiMoAl

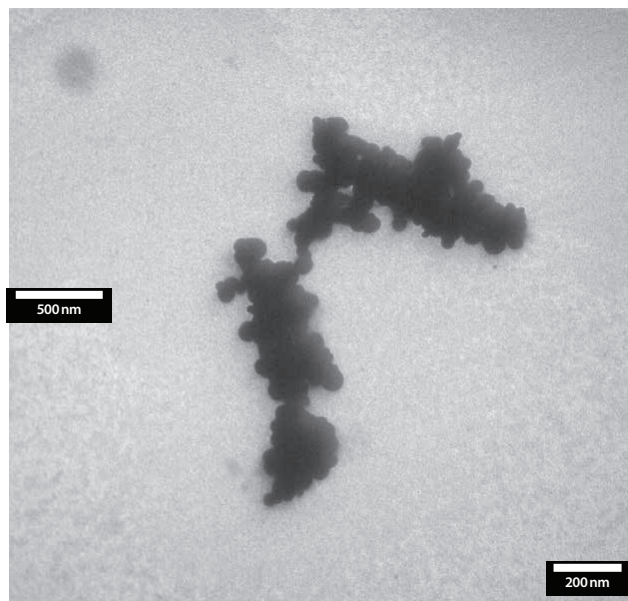
*Electron diffraction*



## TEM: $\text{TiSiO}_4$ Nanoparticles

*Particles on carbon film*

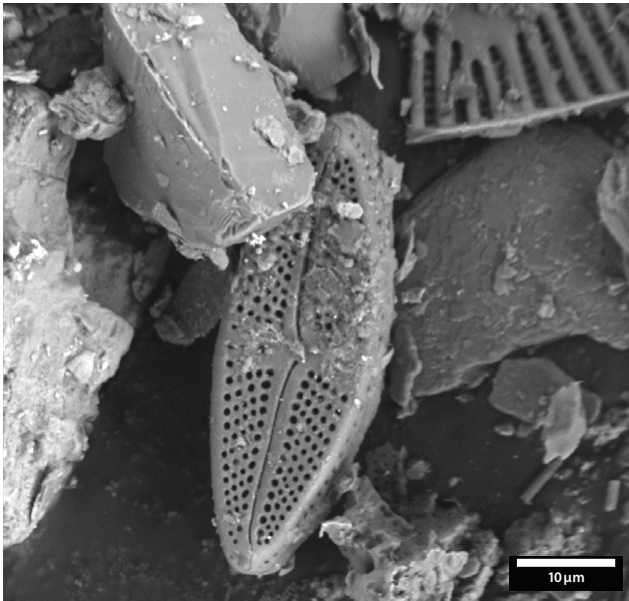
Nanoparticles in flour



## TEM: $\text{TiSiO}_4$ Nanoparticles

*Particles on stub*

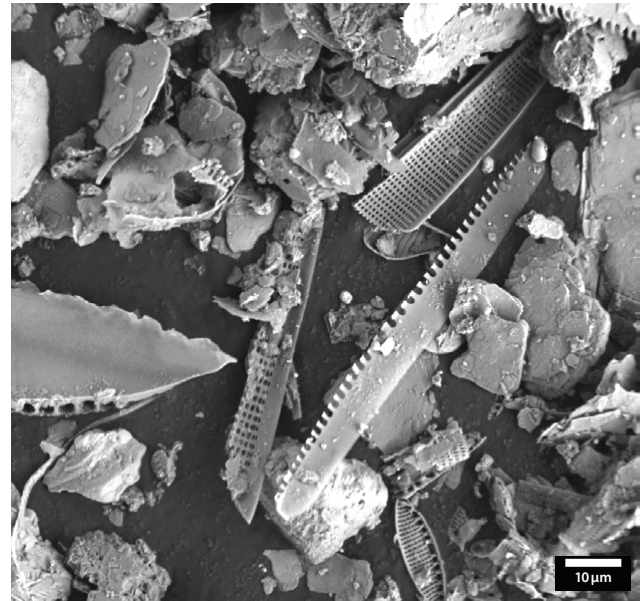
Nanoparticles in flour



## SEM: Diatoms

*Particles on stub*

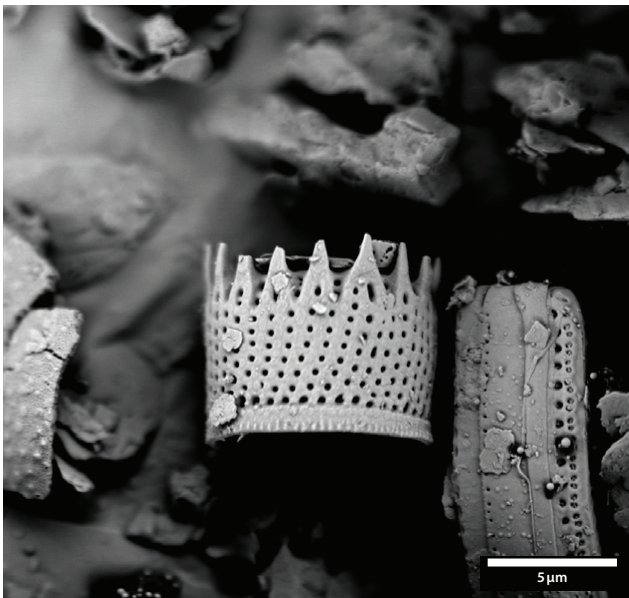
BSE. River sediment of diatoms and stones, uncoated



## SEM: Diatoms

*Particles on stub*

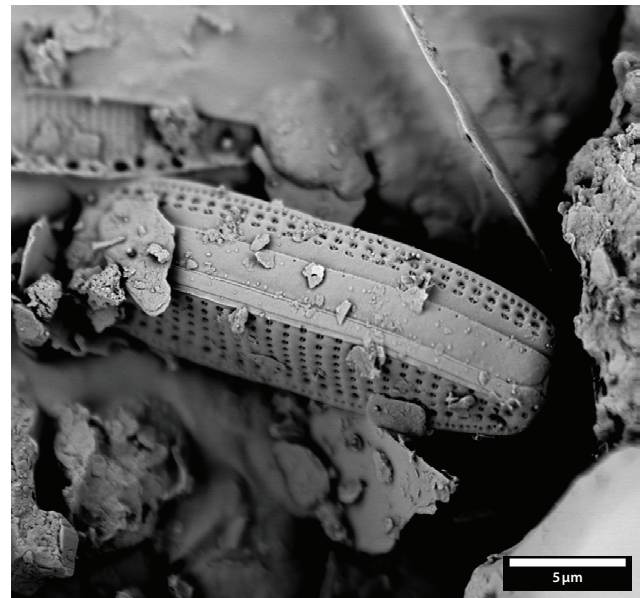
BSE. River sediment of diatoms and stones, uncoated



## SEM: Diatoms

*Particles on stub*

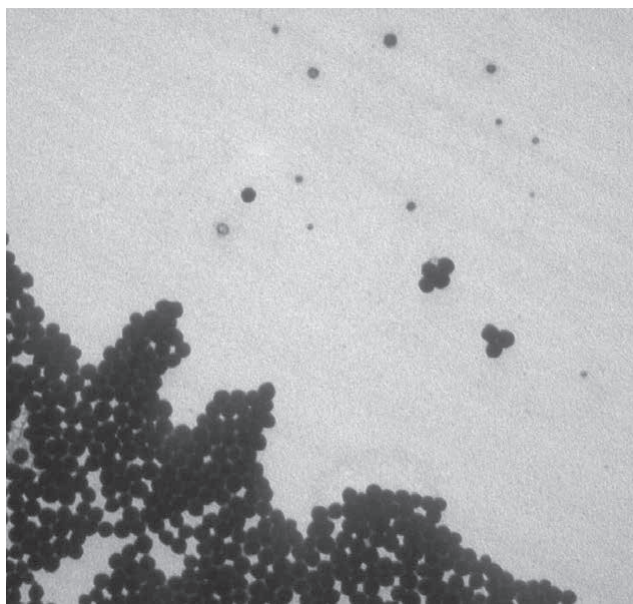
BSE. River sediment of diatoms and stones, gold coated



## SEM: Diatoms

*Particles on stub*

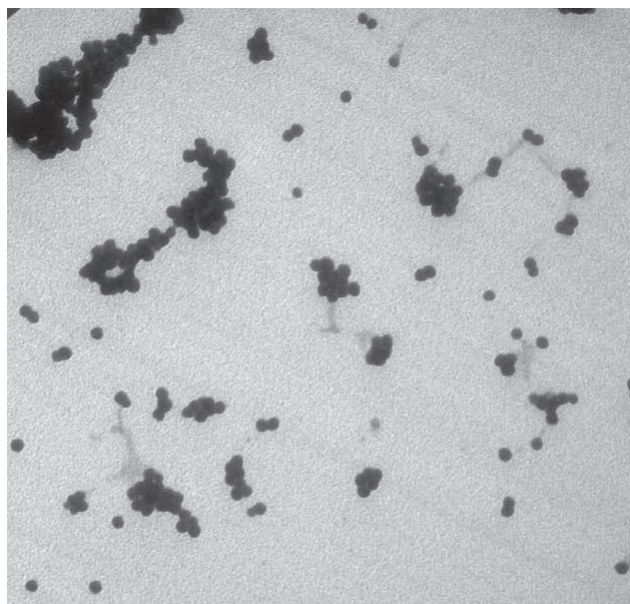
BSE. River sediment of diatoms and stones, gold coated



## TEM: Silica

*Particles on carbon film*

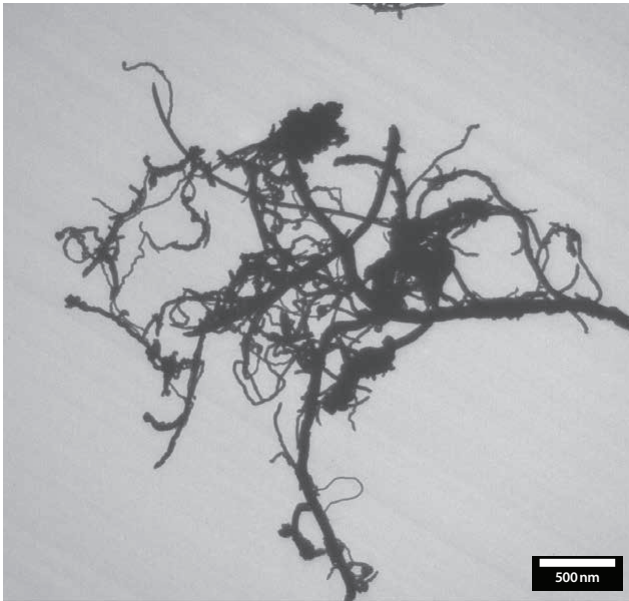
Spherical nanoparticles 22 nm



## TEM: Silica

*Particles on carbon film*

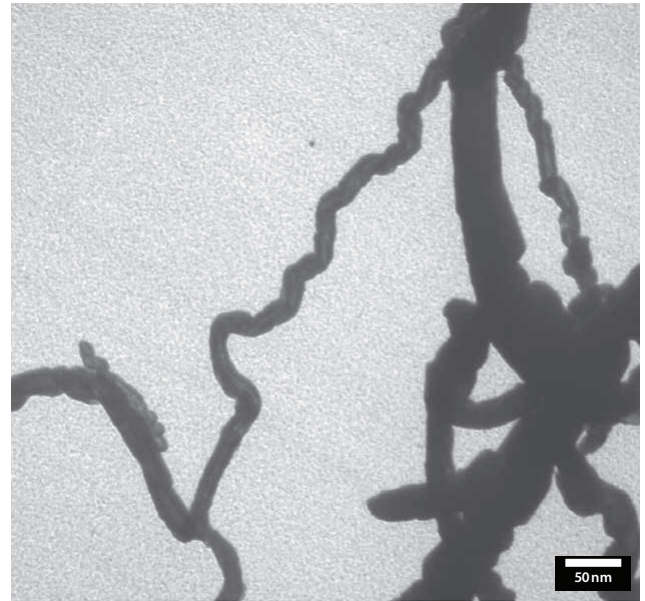
Spherical nanoparticles 22 nm



## TEM: Carbon Nanotubes

*Particles on carbon film*

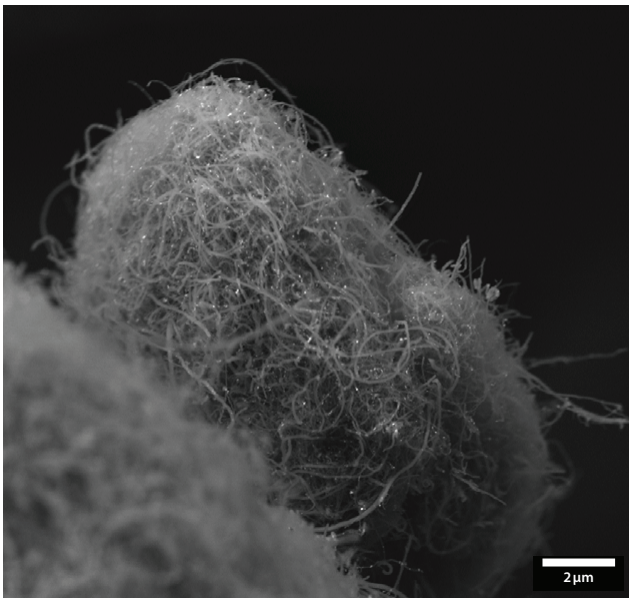
Uncoated



## TEM: Carbon Nanotubes

*Particles on carbon film*

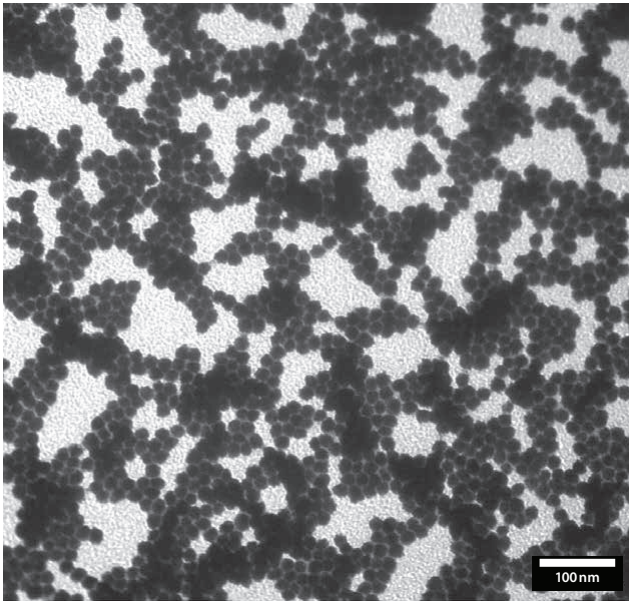
Uncoated



## TEM: Carbon Nanotubes

*Sample on stub*

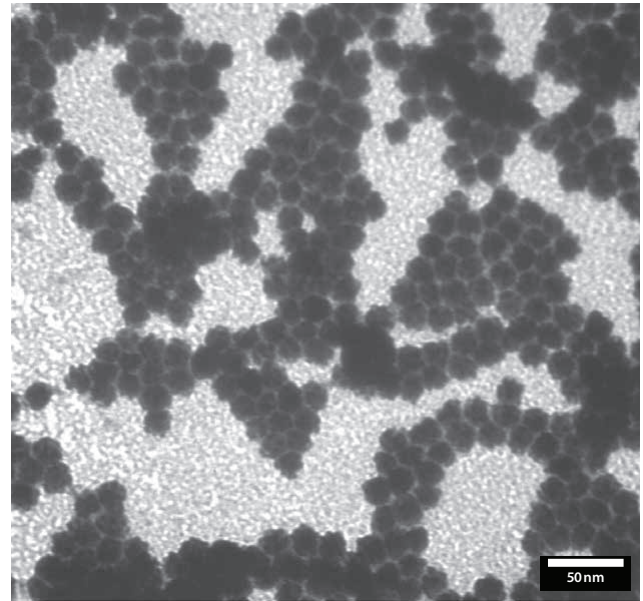
Uncoated



## TEM: CdSe/ZnS Quantum Dots

*Particles on carbon film*

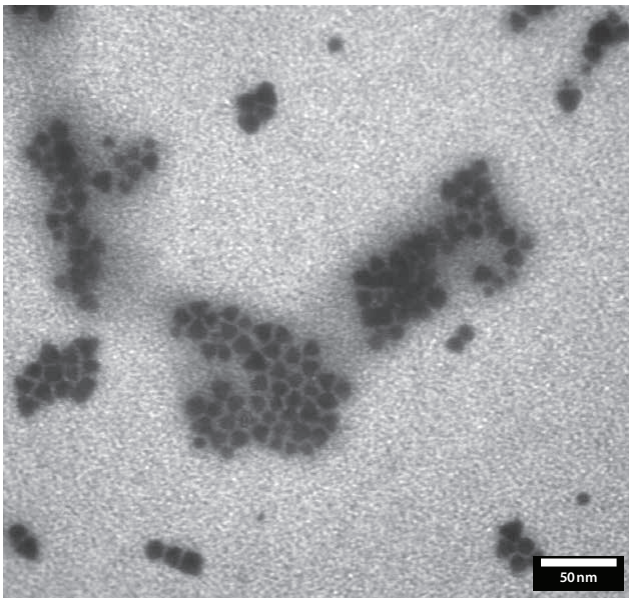
Core covered by a gradient ZnS shell



## TEM: CdSe/ZnS Quantum Dots

*Particles on carbon film*

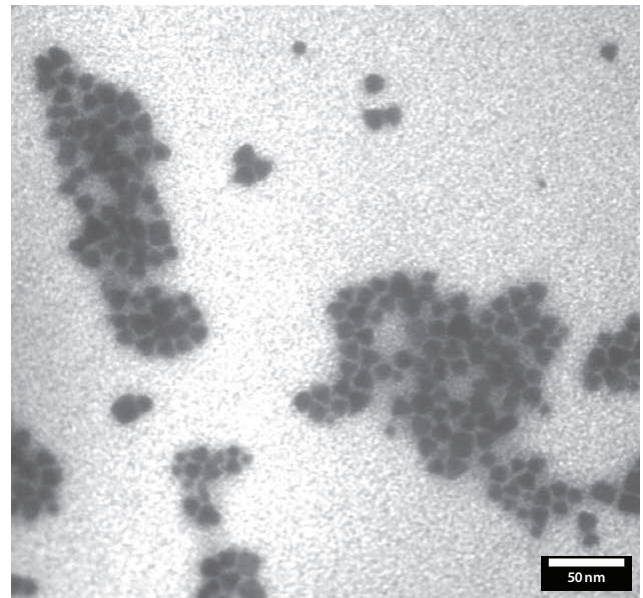
Core covered by a gradient ZnS shell



## TEM: CdSe/CdS Quantum Dots

*Particles on carbon film*

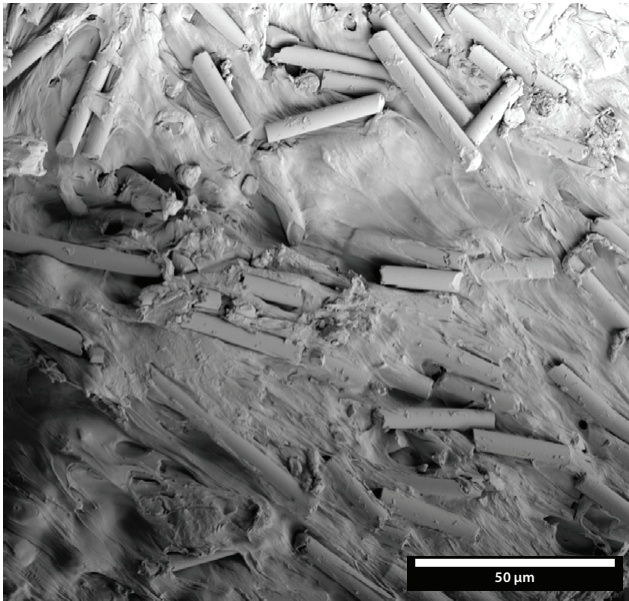
CdSe core with CdS shell covered with oleic acid ligands attached to the surface



## TEM: CdSe/CdS Quantum Dots

*Particles on carbon film*

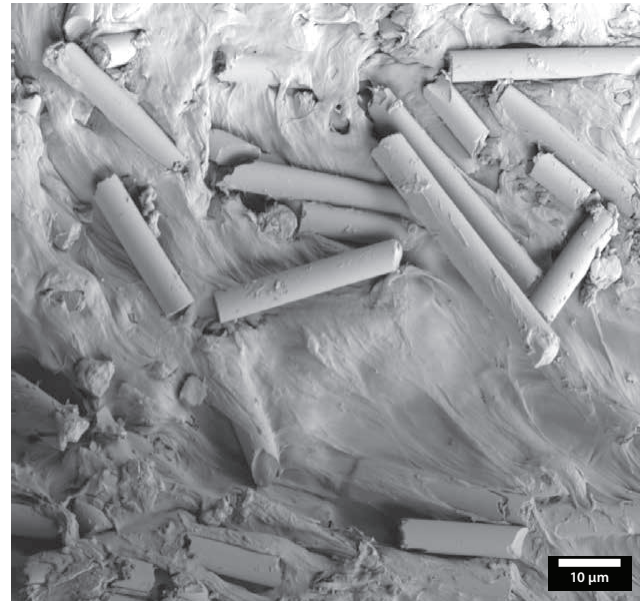
CdSe core with CdS shell covered with oleic acid ligands attached to the surface.



## SEM: Polymer with Carbon Fiber

*Sample on stub*

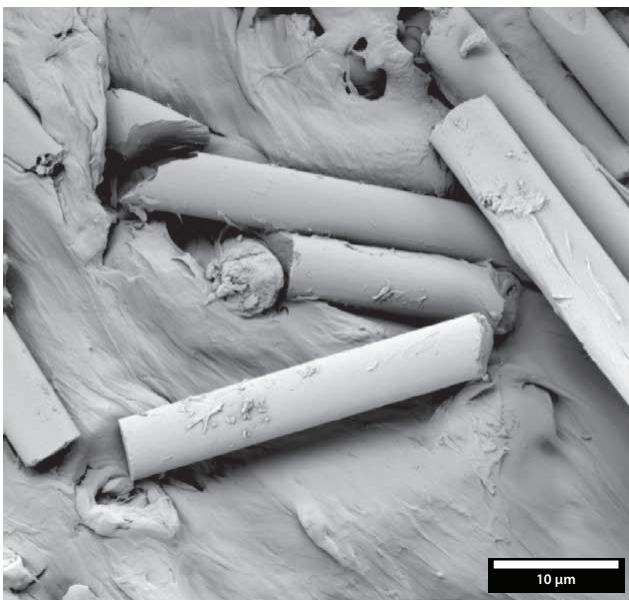
BSE. Gold coated carbon fiber composite material



## SEM: Polymer with Carbon Fiber

*Sample on stub*

BSE. Gold coated carbon fiber composite material



## SEM: Polymer with Carbon Fiber

*Sample on stub*

BSE. Gold coated carbon fiber composite material

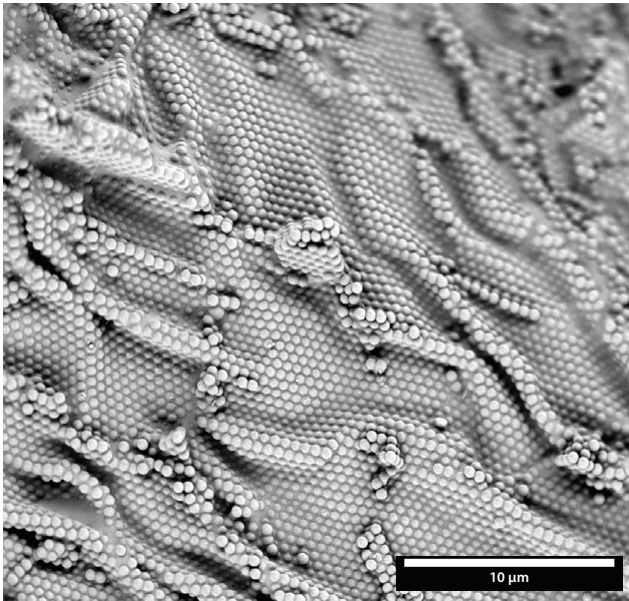


## SEM: Polymer with Carbon Fiber

*Sample on stub*

BSE. Gold coated carbon fiber composite material

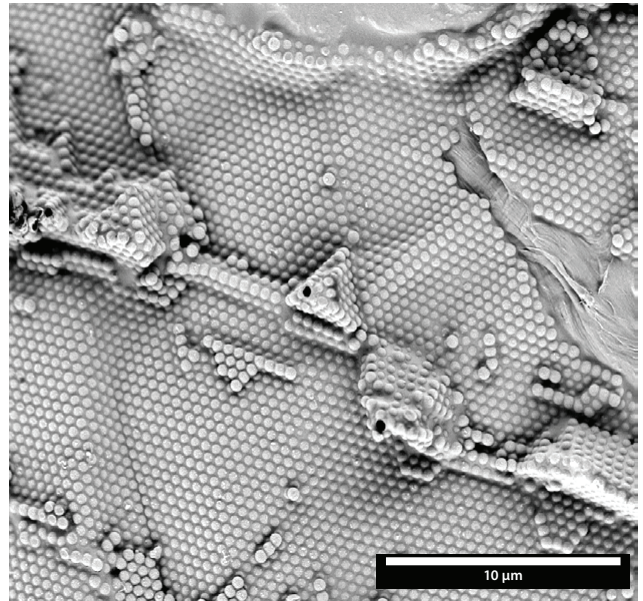




**SEM: Opal Structure**

*Sample on stub*

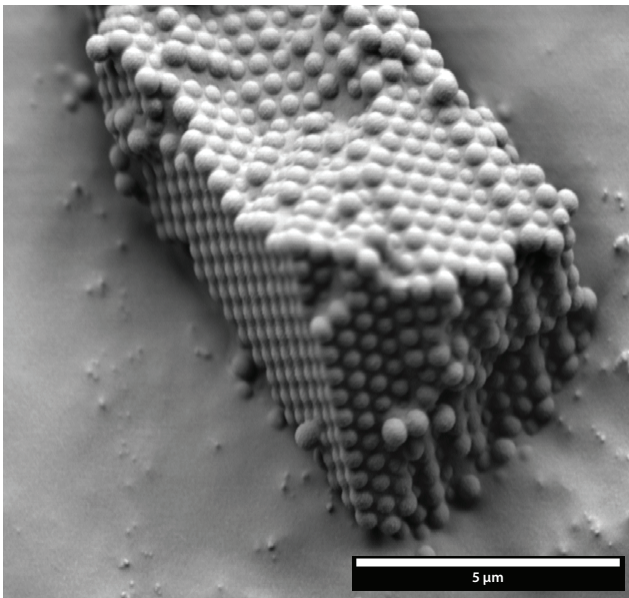
BSE. Gold coated



**SEM: Opal Structure**

*Sample on stub*

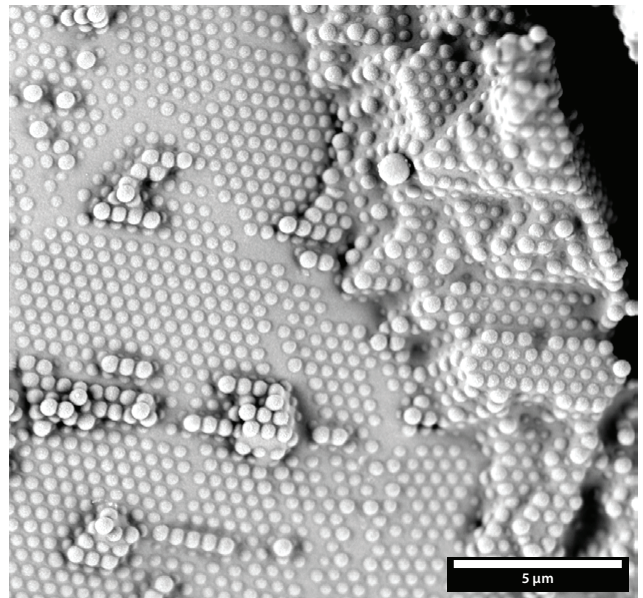
BSE. Gold coated



**SEM: Opal Structure**

*Sample on stub*

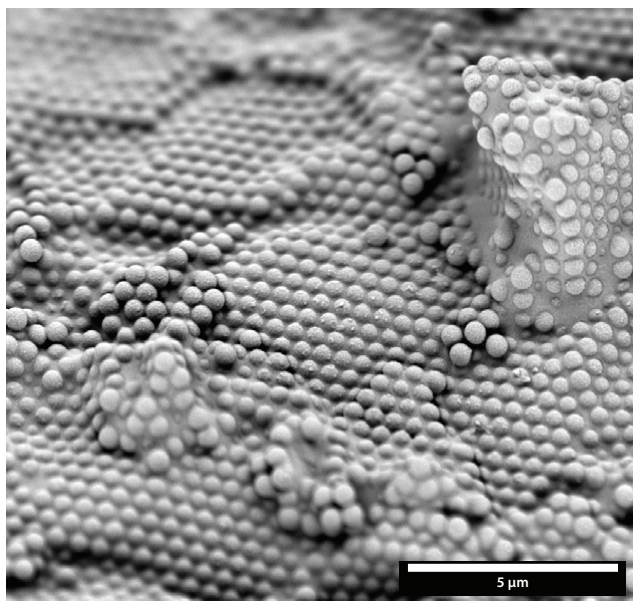
BSE. Gold coated



**SEM: Opal Structure**

*Sample on stub*

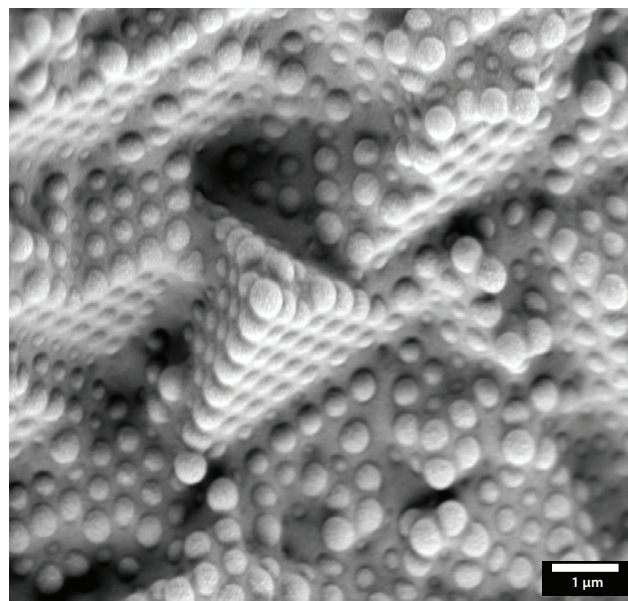
BSE. Gold coated



## SEM: Opal Structure

Sample on stub

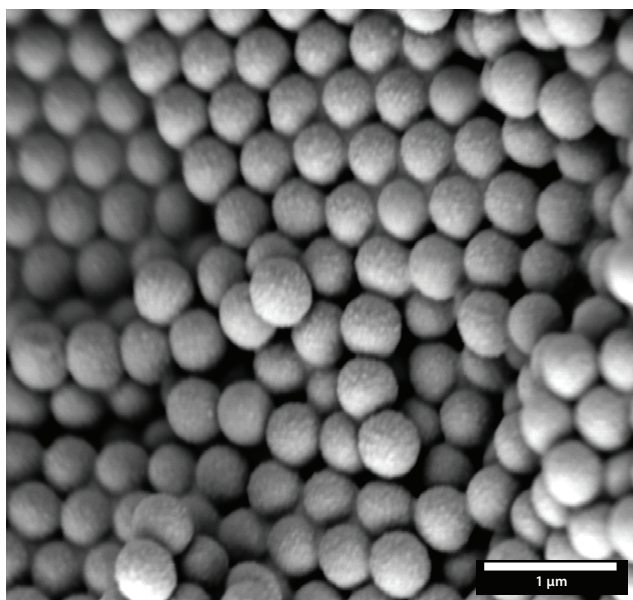
BSE. Gold coated



## SEM: Opal Structure

Sample on stub

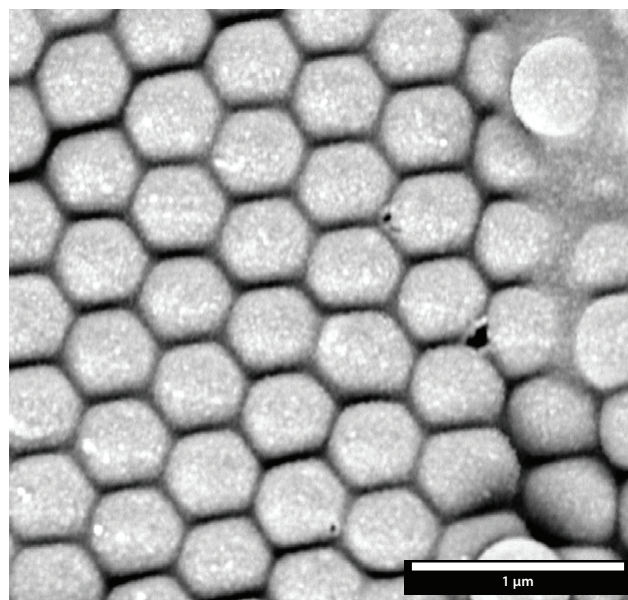
BSE. Gold coated



## SEM: Opal Structure

Sample on stub

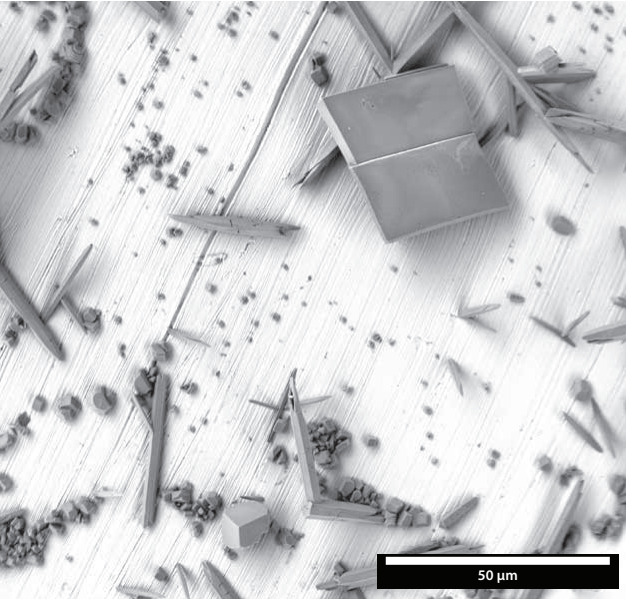
BSE. Gold coated



## SEM: Opal Structure

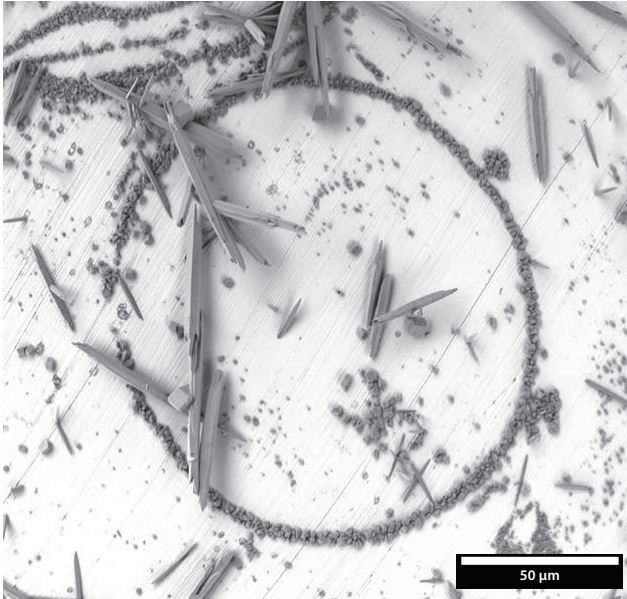
Sample on stub

BSE. Gold coated



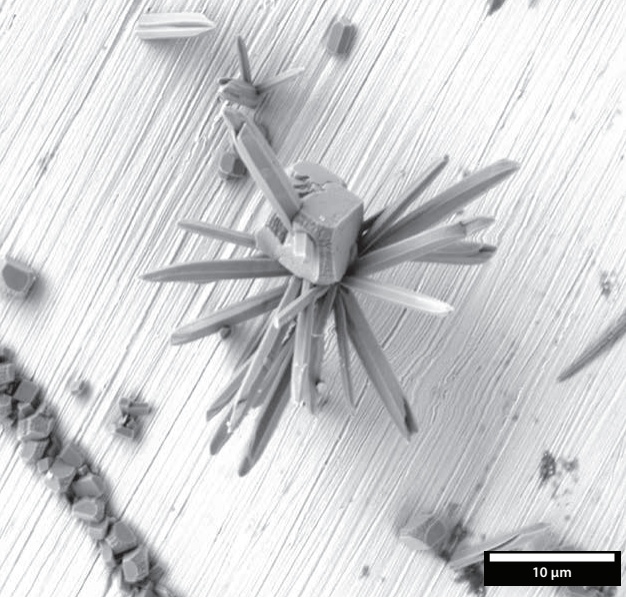
**SEM: Limescale**

*Particles on stub*  
BSE. Uncoated



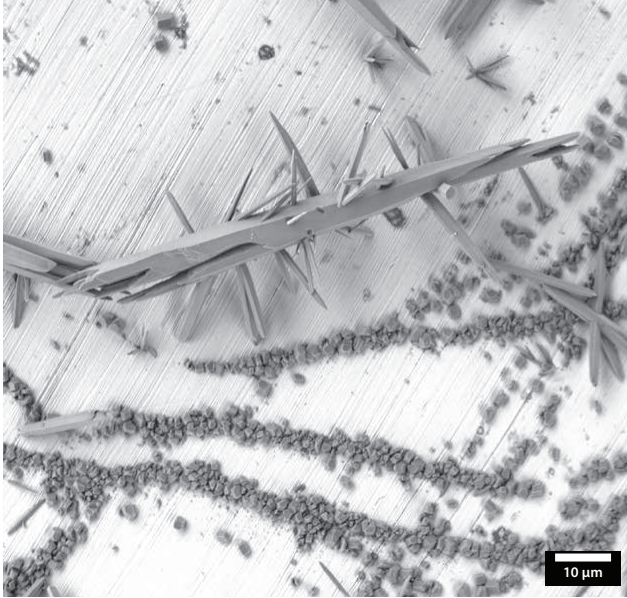
**SEM: Limescale**

*Particles on stub*  
BSE. Uncoated



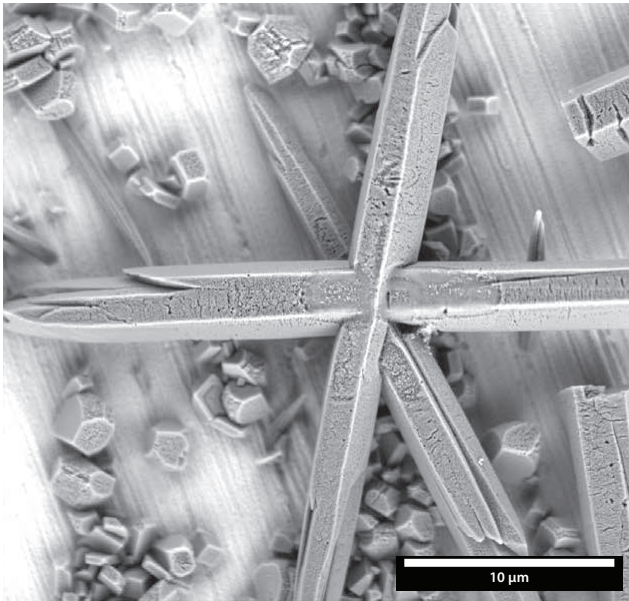
**SEM: Limescale**

*Particles on stub*  
BSE. Uncoated



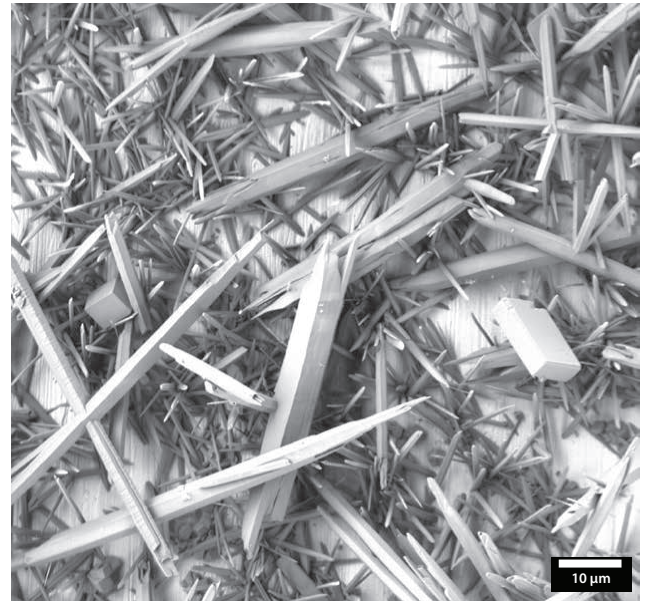
**SEM: Limescale**

*Particles on stub*  
BSE. Uncoated



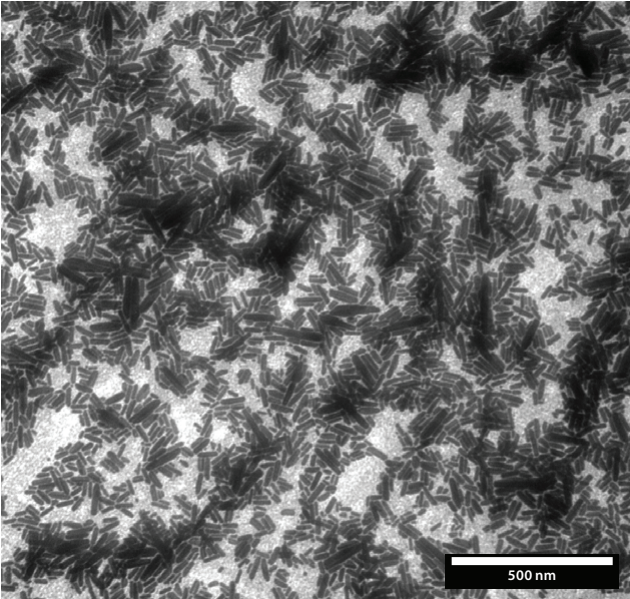
## SEM: Limescale

*Particles on stub*  
BSE. Uncoated



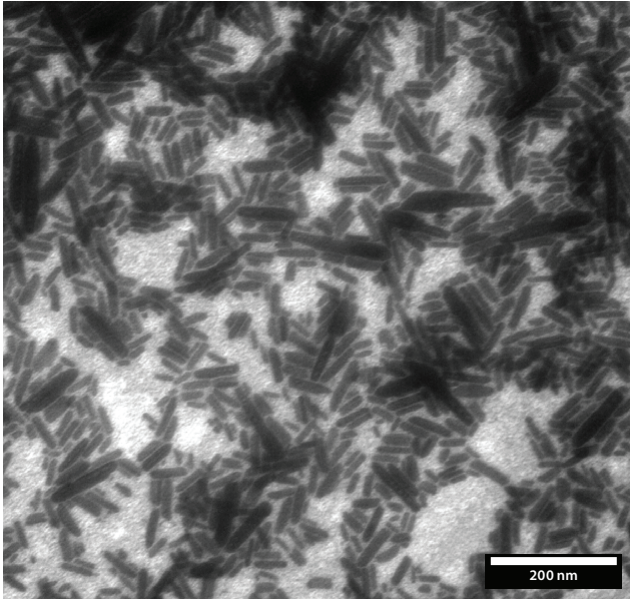
## SEM: Limescale

*Particles on stub*  
BSE. Uncoated



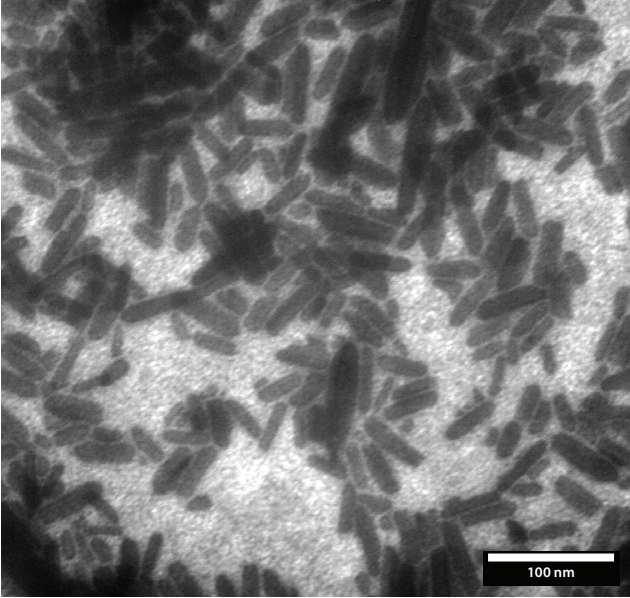
**TEM: Mg Sulfonate**

*Particles on carbon film*



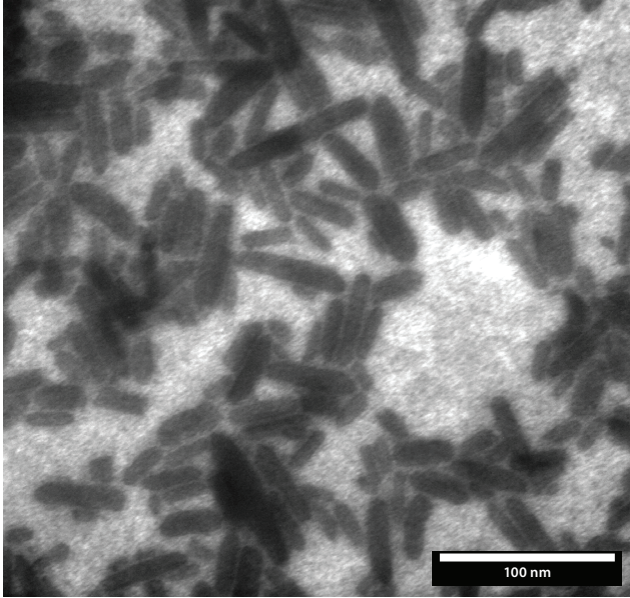
**TEM: Mg Sulfonate**

*Particles on carbon film*



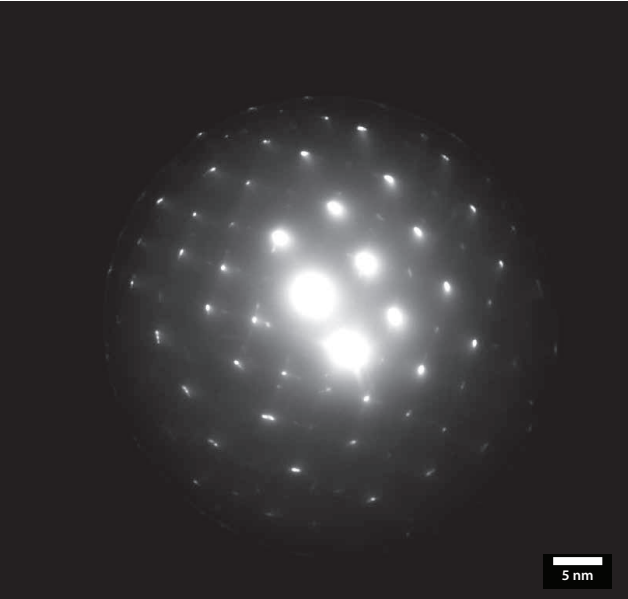
**TEM: Mg Sulfonate**

*Particles on carbon film*

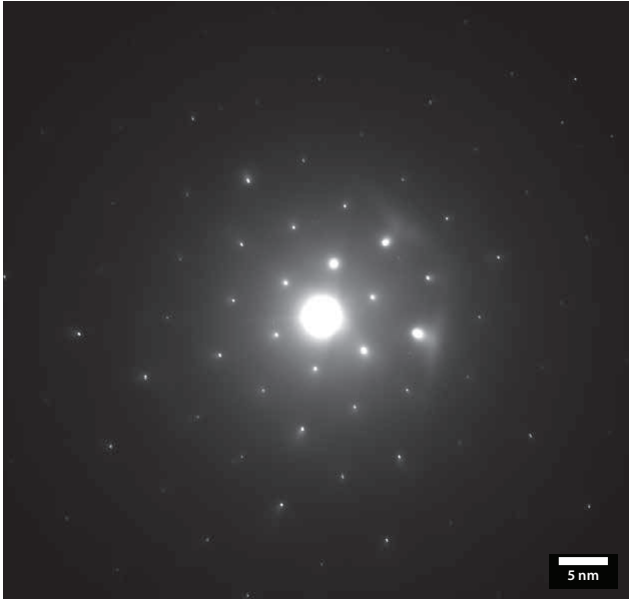


**TEM: Mg Sulfonate**

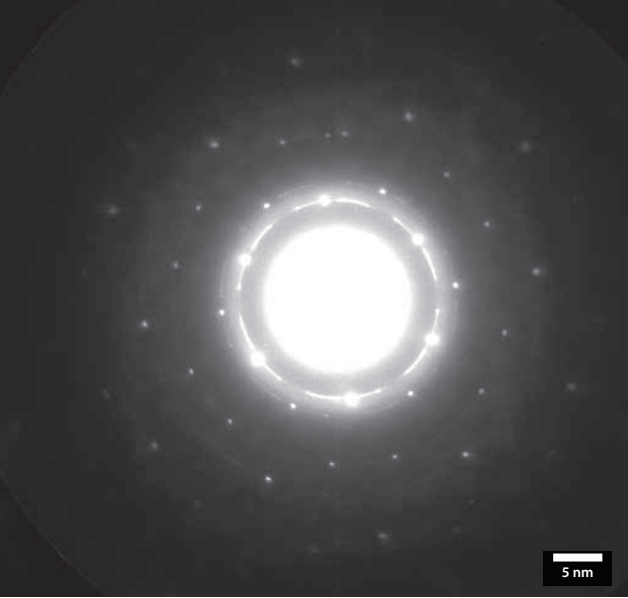
*Particles on carbon film*



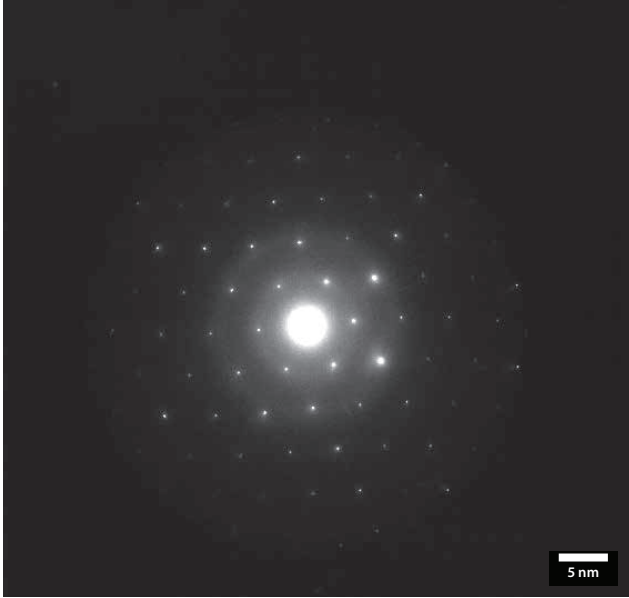
**ED: Gold Foil**



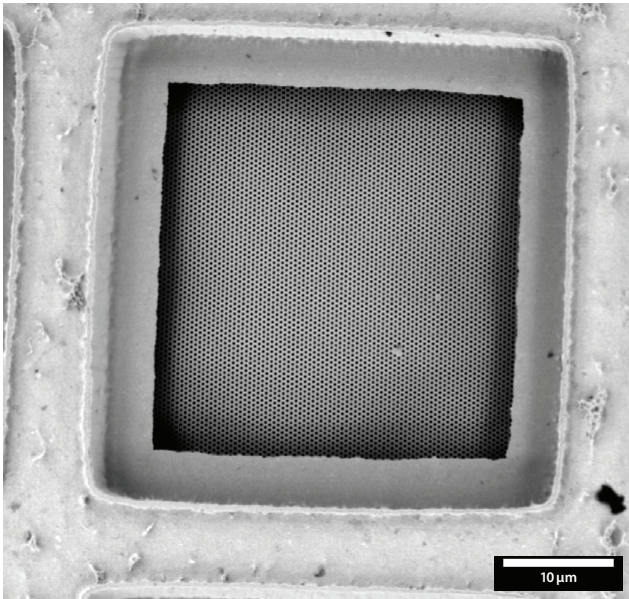
**ED: Graphite Flake**



**ED: Graphene**



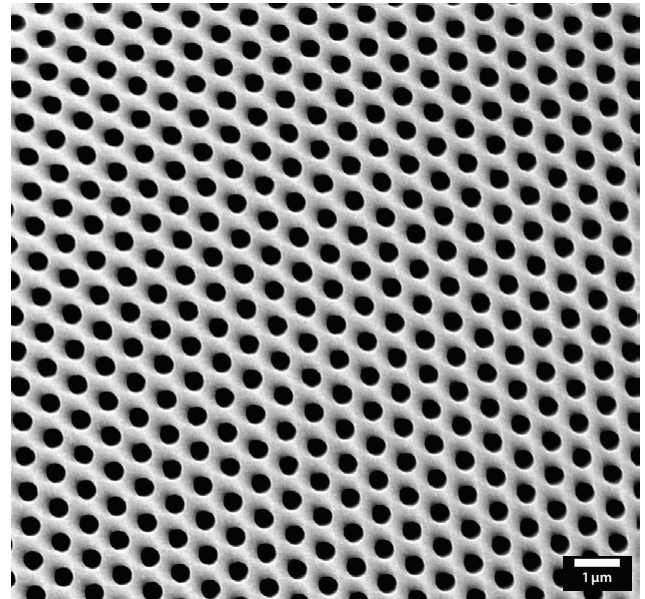
**ED: Graphene**



## SEM: Au grid 300nm

*TEM grid*

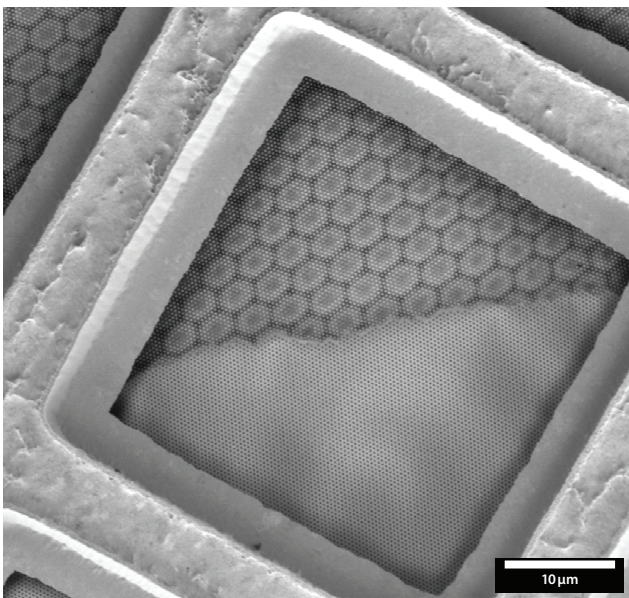
BSE. Point of interest: newly produced TEM grids quality



## SEM: Au grid 300nm

*TEM grid*

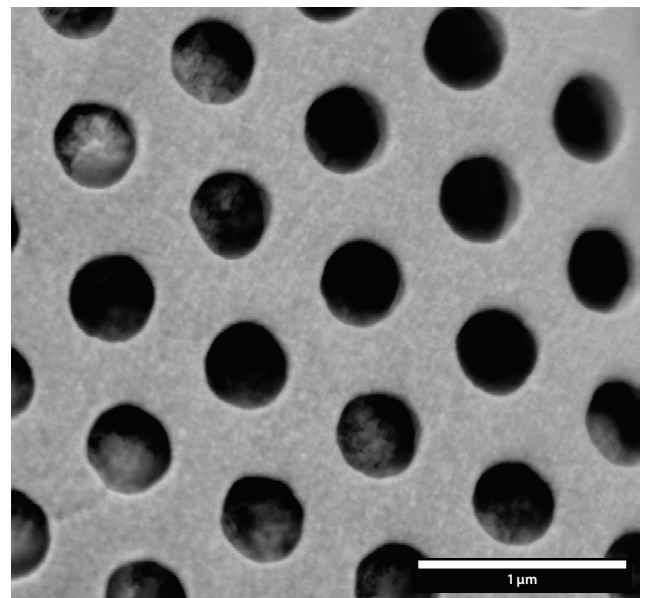
BSE. Point of interest: newly produced TEM grids quality



## SEM: Au grid 200nm

*TEM grid*

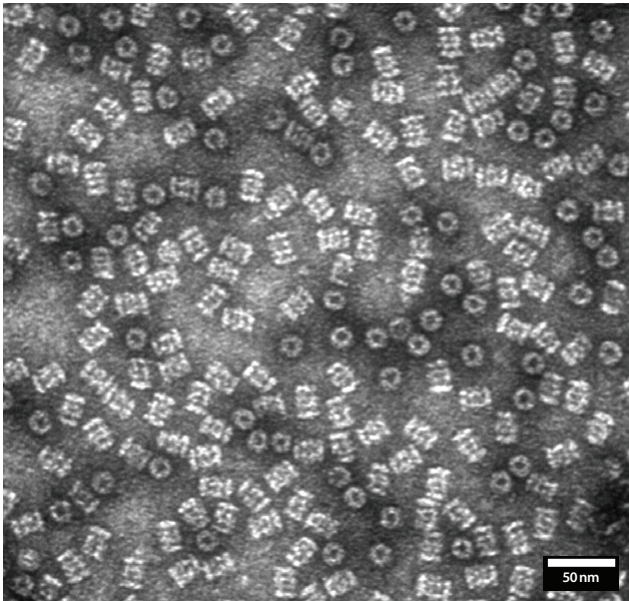
BSE. Point of interest: newly produced TEM grids quality



## SEM: Au grid 300nm

*TEM grid*

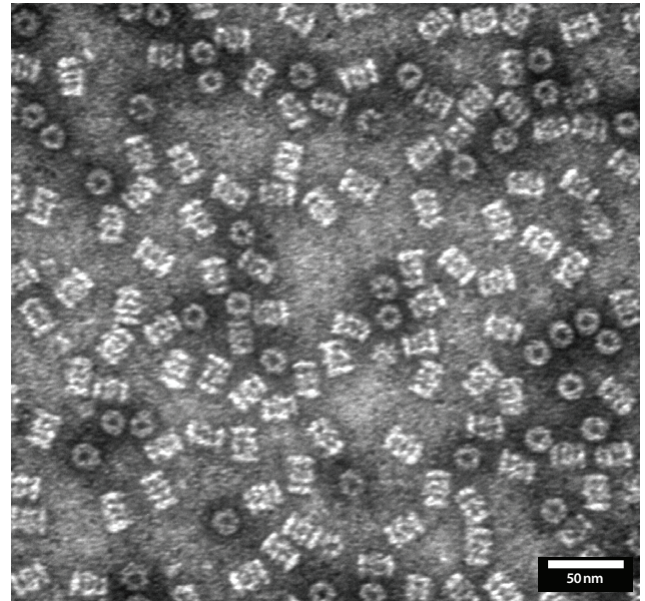
BSE. Point of interest: newly produced TEM grids quality



**TEM: 20S Proteasome**

*Stained particles on carbon film*

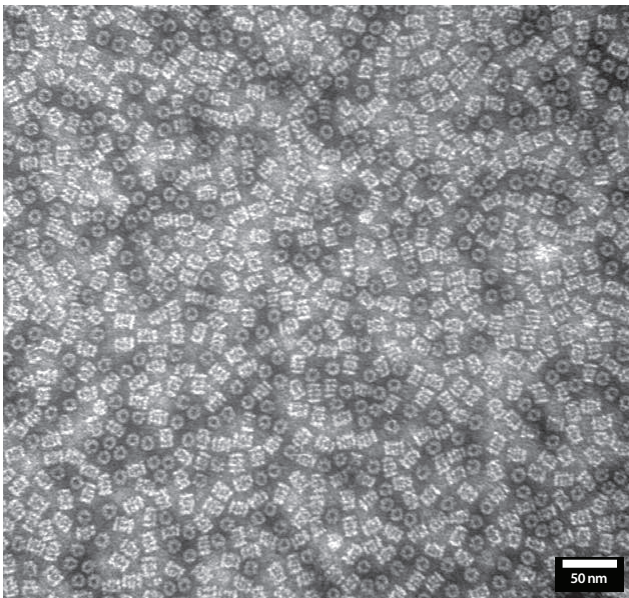
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



**TEM: 20S Proteasome**

*Stained particles on carbon film*

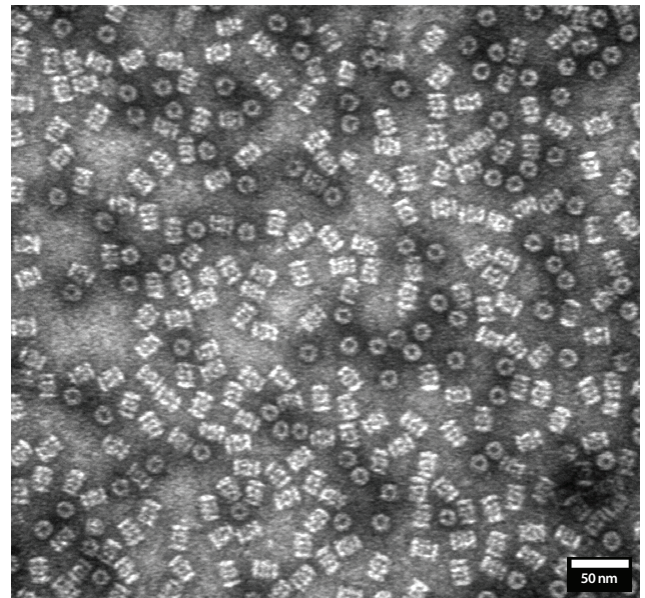
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



**TEM: 20S Proteasome**

*Stained particles on carbon film*

Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate

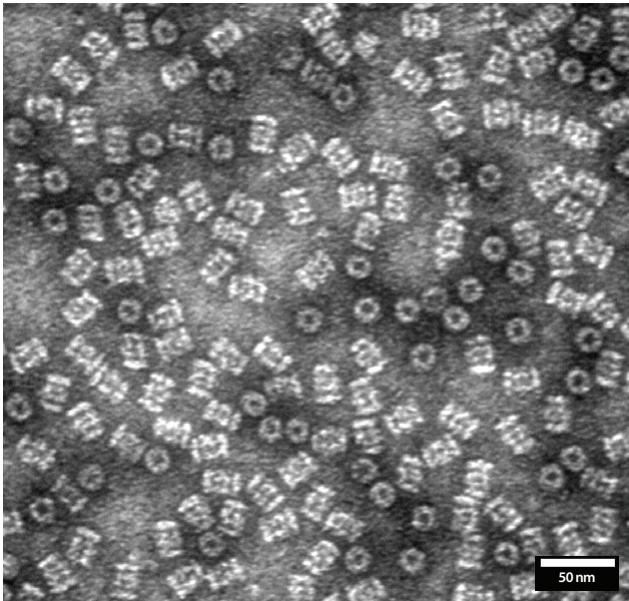


**TEM: 20S Proteasome**

*Stained particles on carbon film*

Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate

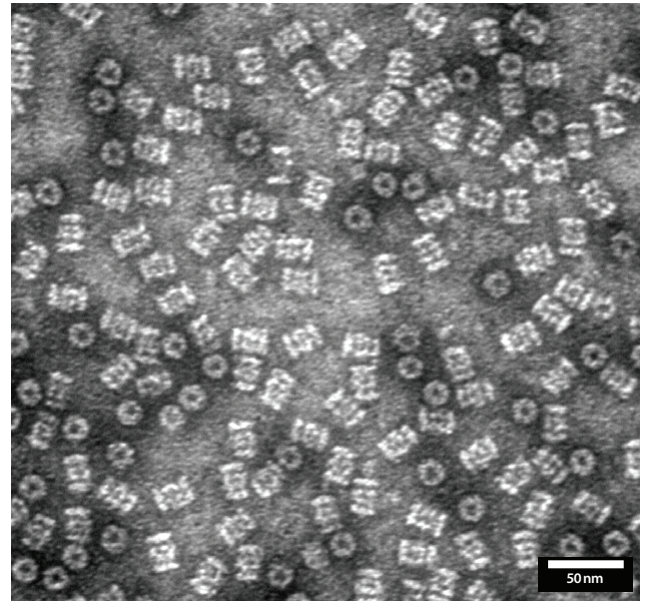




**TEM: 20S Proteasome**

*Stained particles on carbon film*

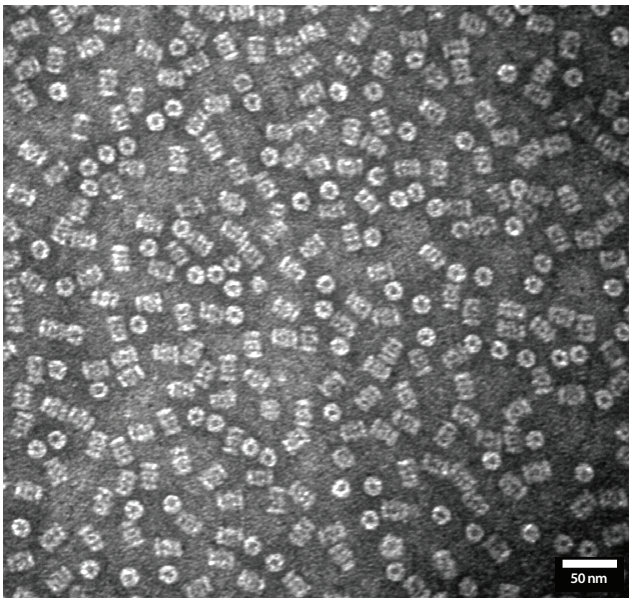
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



**TEM: 20S Proteasome**

*Stained particles on carbon film*

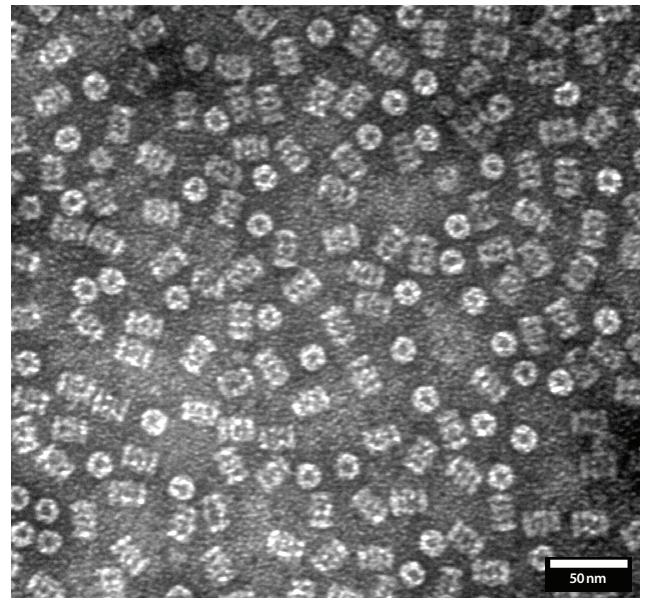
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



**TEM: 20S Proteasome**

*Stained particles on carbon film*

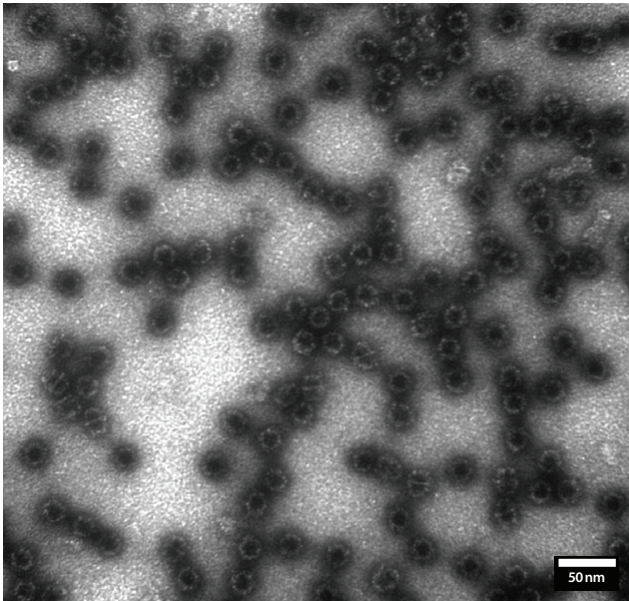
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



**TEM: 20S Proteasome**

*Stained particles on carbon film*

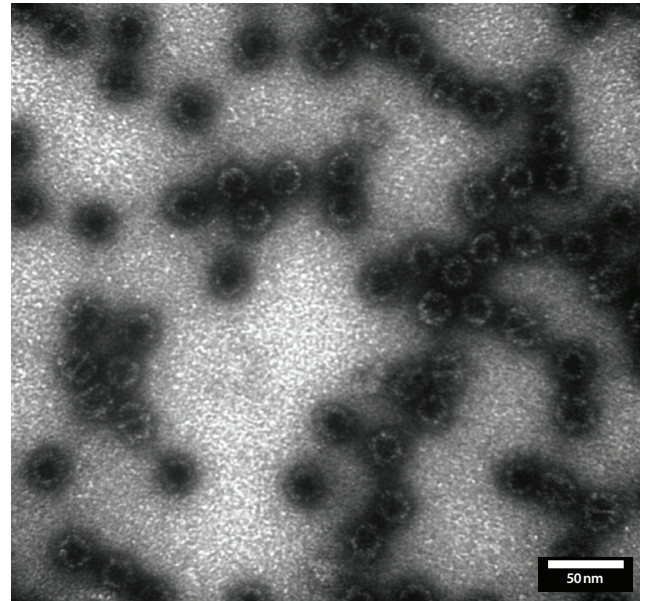
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



**TEM: Fatty Acid Synthase**

*Stained particles on carbon film*

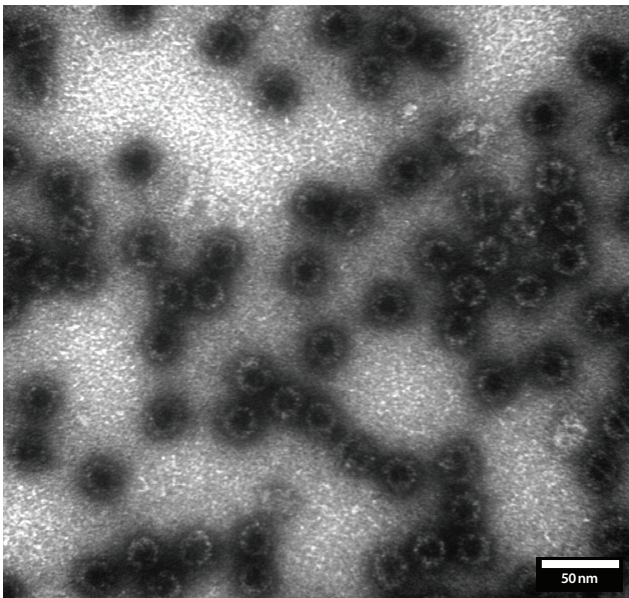
Negative stained fatty acid synthase complexes from yeast



**TEM: Fatty Acid Synthase**

*Stained particles on carbon film*

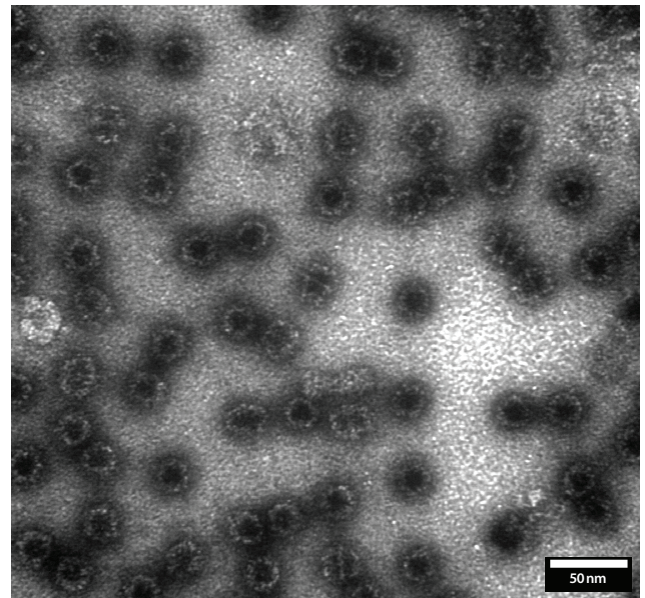
Negative stained fatty acid synthase complexes from yeast



**TEM: Fatty Acid Synthase**

*Stained particles on carbon film*

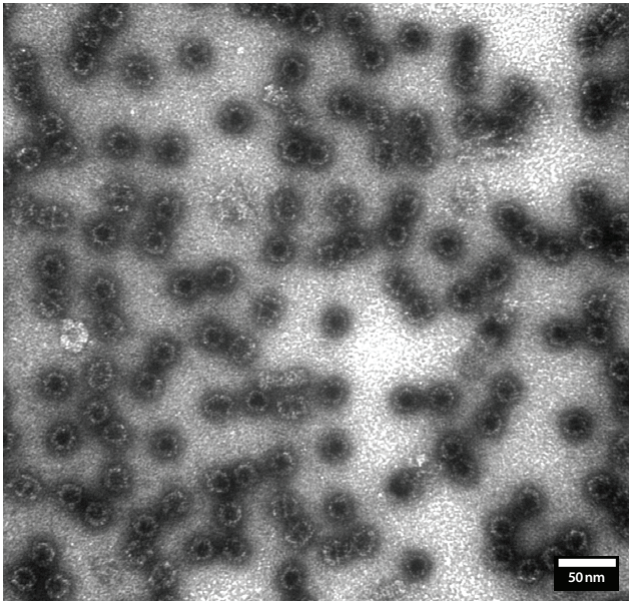
Negative stained fatty acid synthase complexes from yeast



**TEM: Fatty Acid Synthase**

*Stained particles on carbon film*

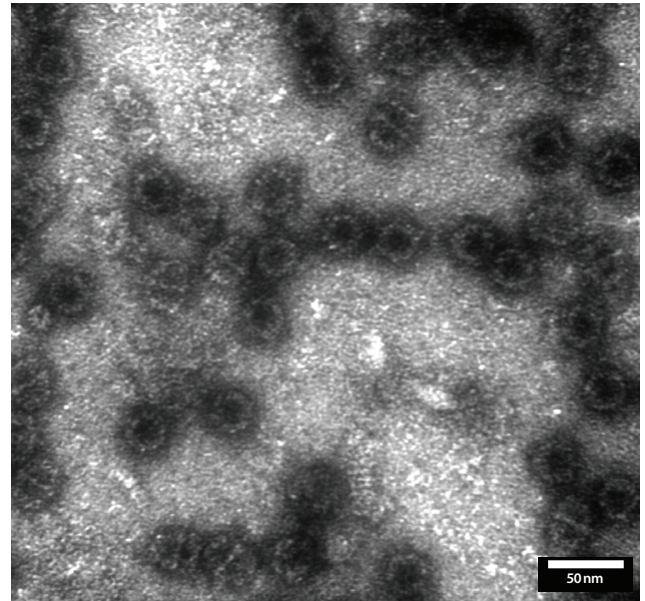
Negative stained fatty acid synthase complexes from yeast



**TEM: Fatty Acid Synthase**

*Stained particles on carbon film*

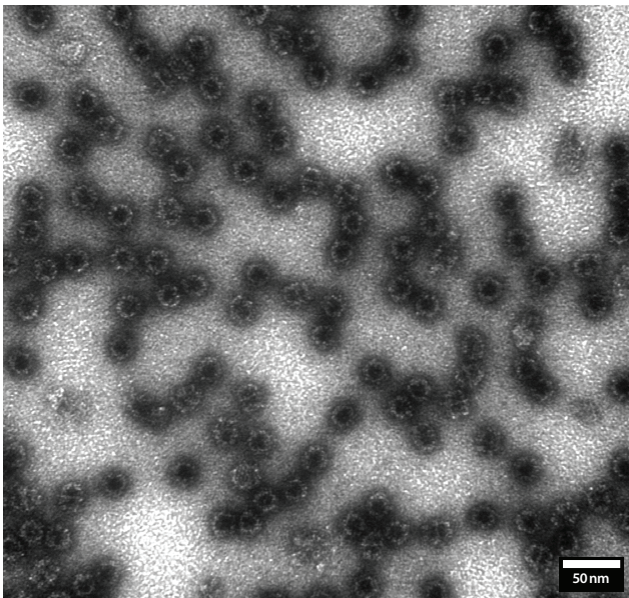
Negative stained fatty acid synthase complexes from yeast



**TEM: Fatty Acid Synthase**

*Stained particles on carbon film*

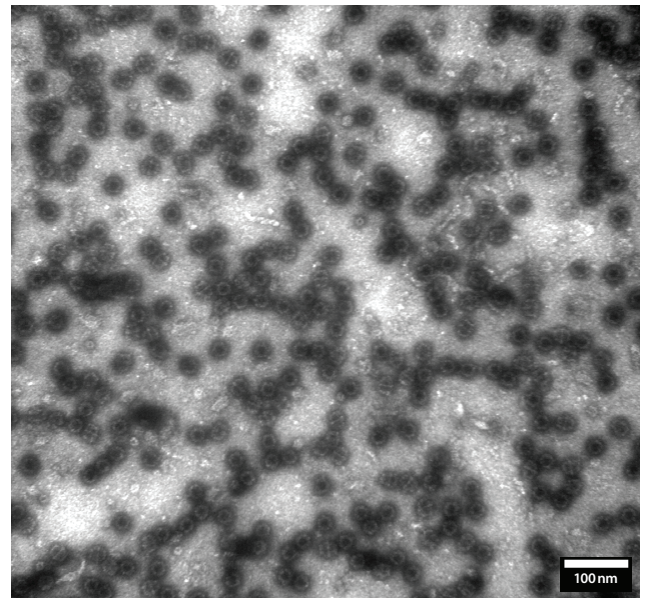
Negative stained fatty acid synthase complexes from yeast



**TEM: Fatty Acid Synthase**

*Stained particles on carbon film*

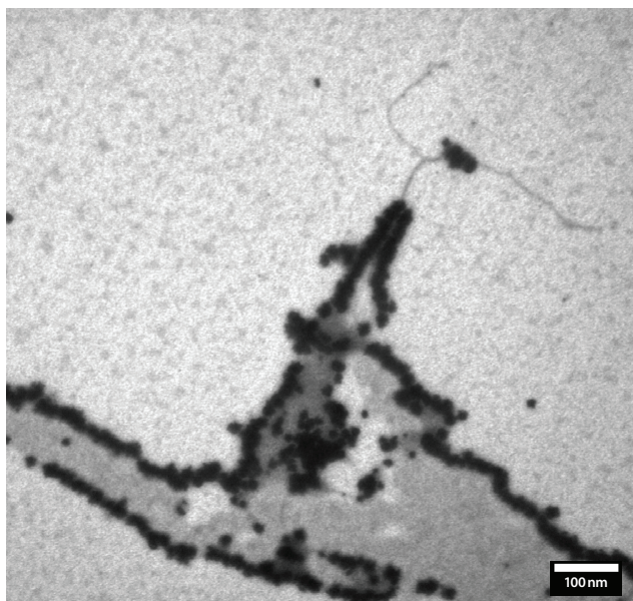
Negative stained fatty acid synthase complexes from yeast



**TEM: Fatty Acid Synthase**

*Stained particles on carbon film*

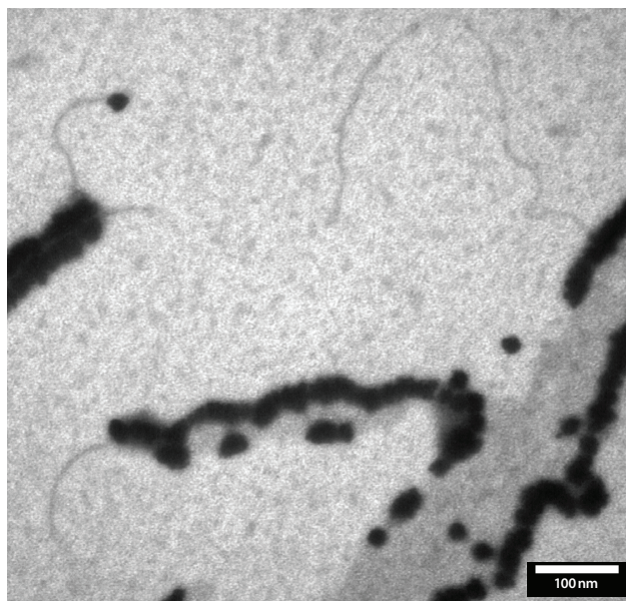
Negative stained fatty acid synthase complexes from yeast



**TEM: Liposome Polymer**

*Particles on carbon film*

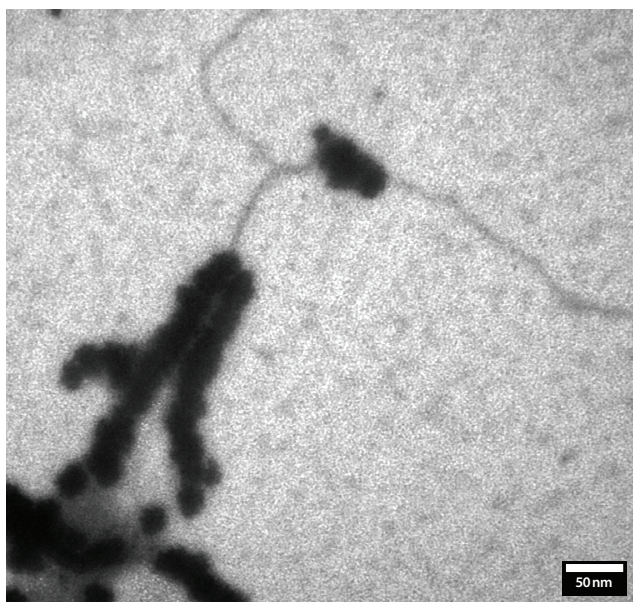
Gadolinium loaded liposome polymer-DNA complexes



**TEM: Liposome Polymer**

*Particles on carbon film*

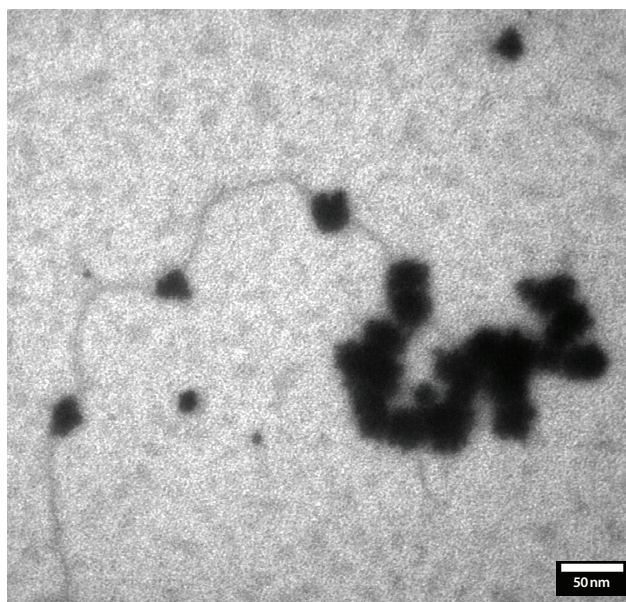
Gadolinium loaded liposome polymer-DNA complexes



**TEM: Liposome Polymer**

*Particles on carbon film*

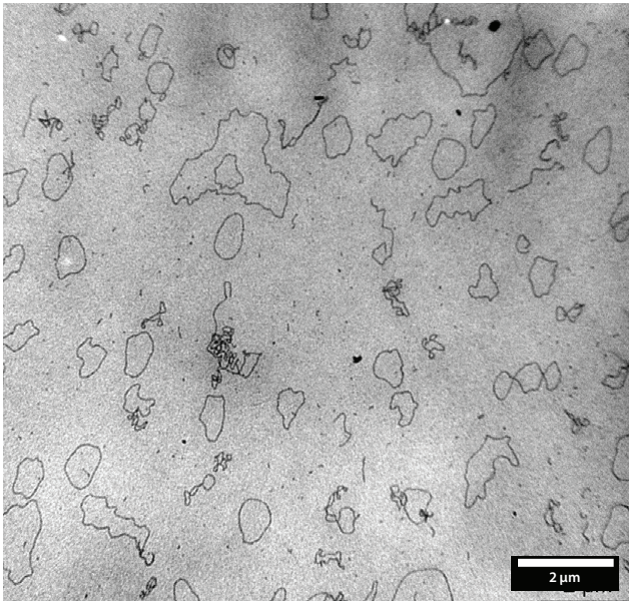
Gadolinium loaded liposome polymer-DNA complexes



**TEM: Liposome Polymer**

*Particles on carbon film*

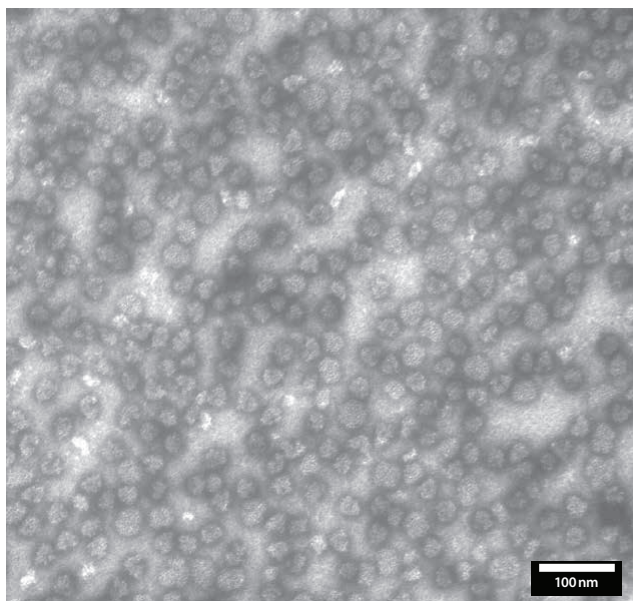
Gadolinium loaded liposome polymer-DNA complexes



## TEM: Plasmids

*Particles on carbon film*

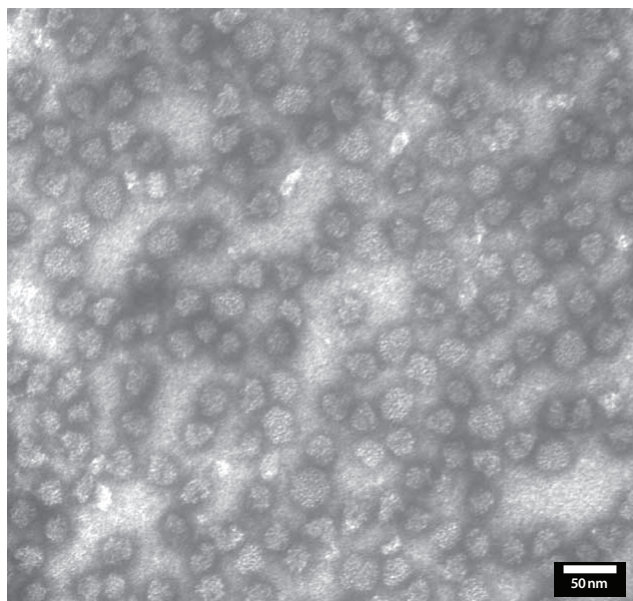
Shadowed



**TEM: 80S Ribosomes**

*Stained particles on carbon film*

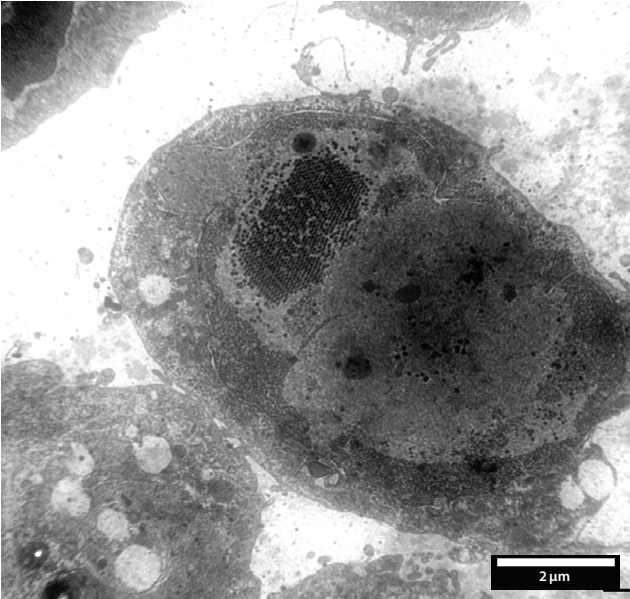
Negative stained human 80S ribosomes



**TEM: 80S Ribosomes**

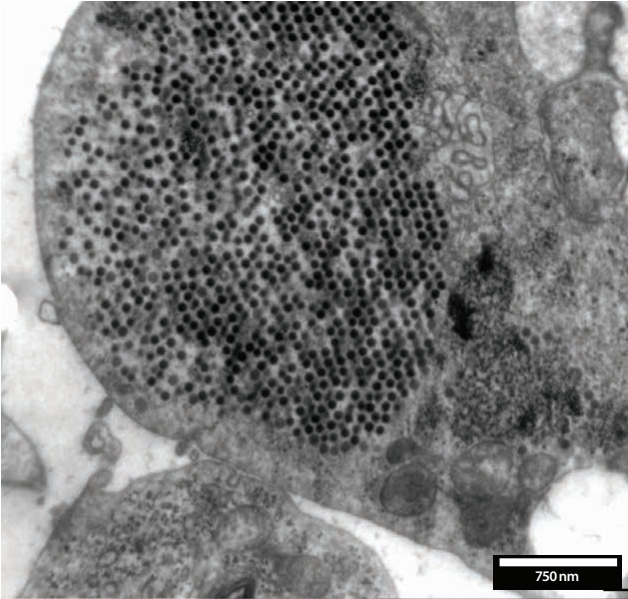
*Stained particles on carbon film*

Negative stained human 80S ribosomes



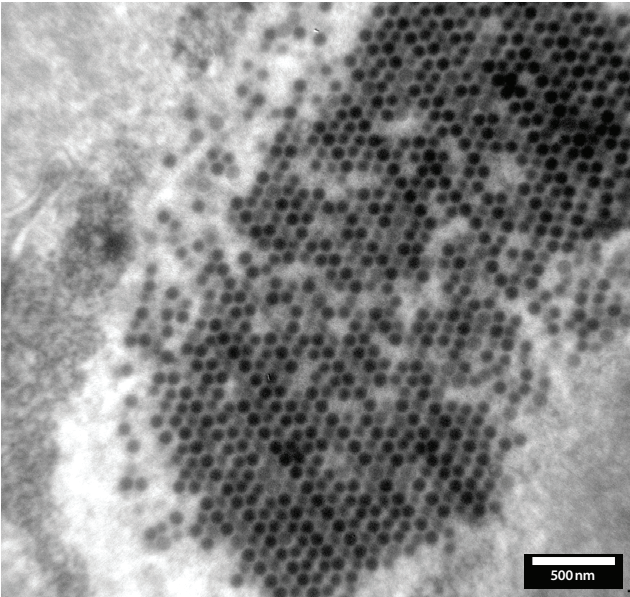
**TEM: Adenovirus**

*Ultrathin stained section*  
A cell infected by adenovirus



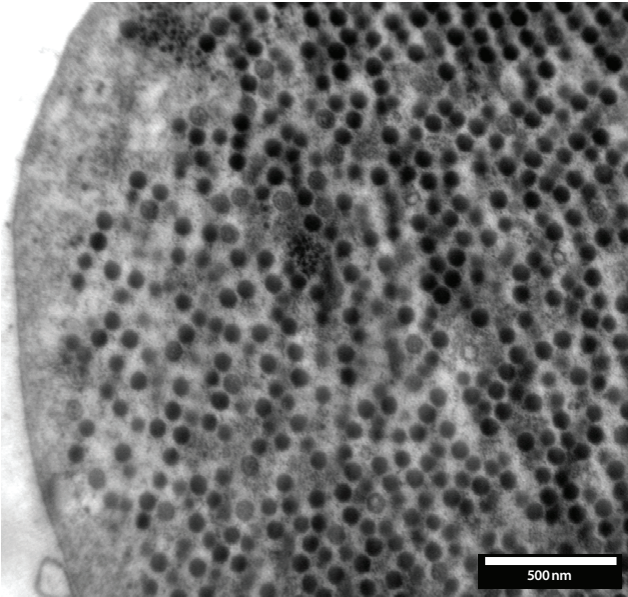
**TEM: Adenovirus**

*Ultrathin stained section*  
A cell infected by adenovirus



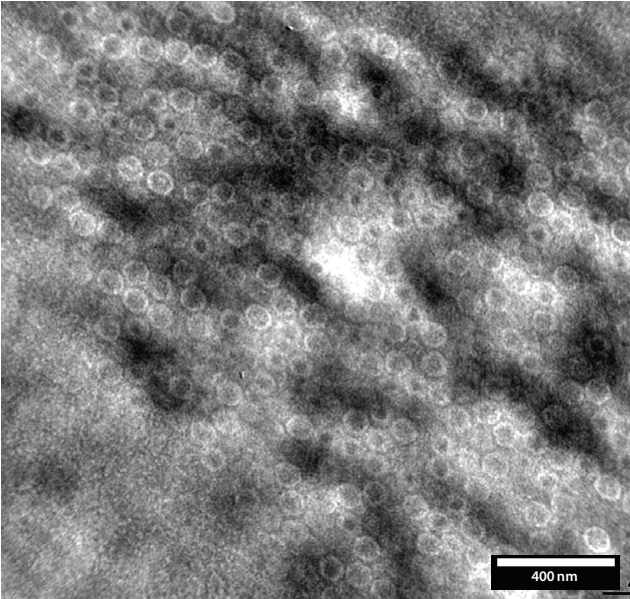
**TEM: Adenovirus**

*Ultrathin stained section*  
A cell infected by adenovirus



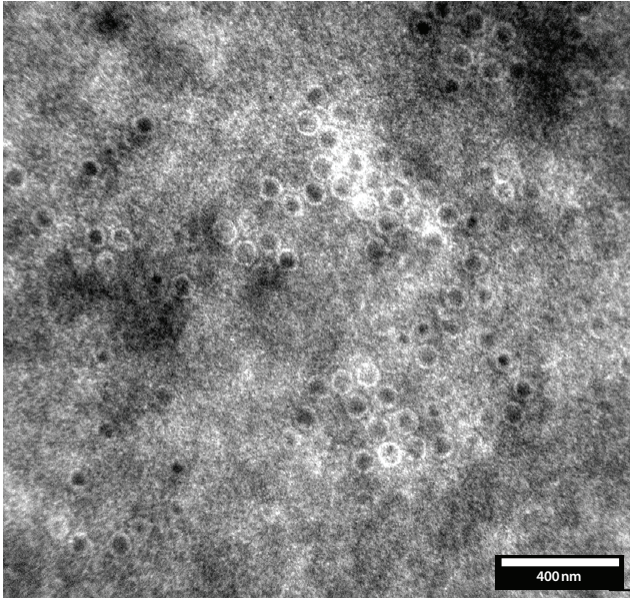
**TEM: Adenovirus**

*Ultrathin stained section*  
A cell infected by adenovirus



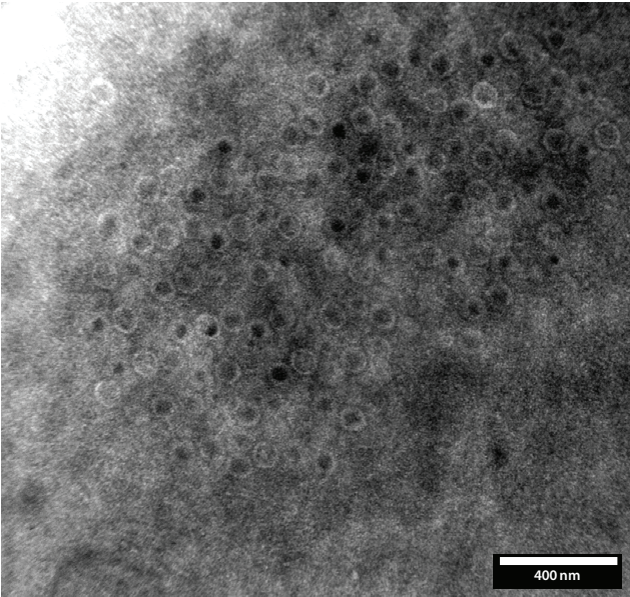
**TEM: Adenovirus**

*Ultrathin unstained section*  
A cell infected by adenovirus



**TEM: Adenovirus**

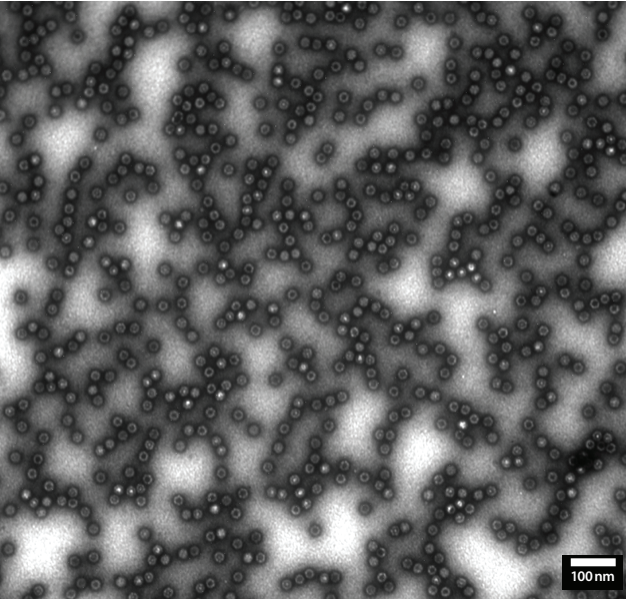
*Ultrathin unstained section*  
A cell infected by adenovirus



**TEM: Adenovirus**

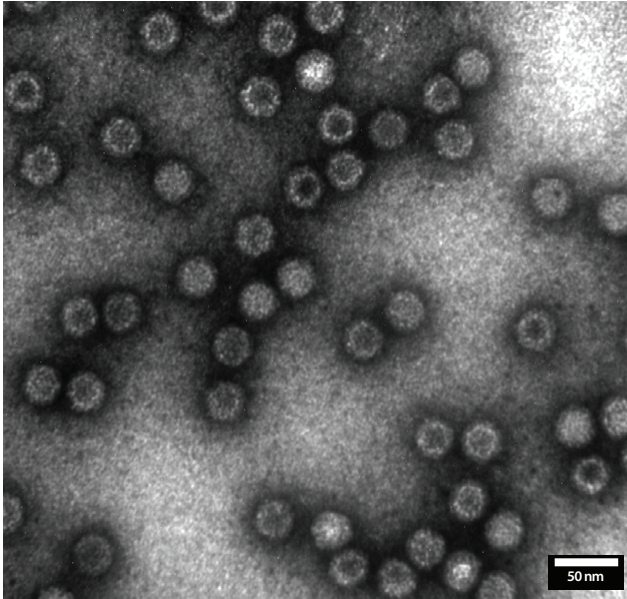
*Ultrathin unstained section*  
A cell infected by adenovirus





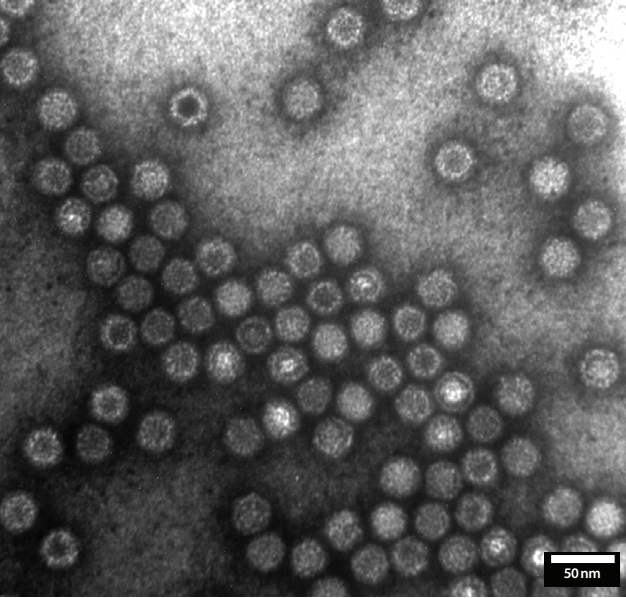
**TEM: Adeno-Associated Virus**

*Stained particles on carbon film*  
Negative stained virus



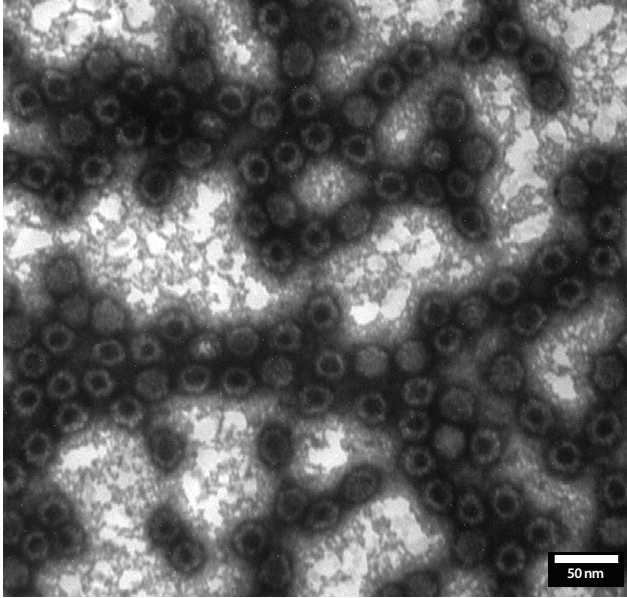
**TEM: Adeno-Associated Virus**

*Stained particles on carbon film*  
Negative stained virus



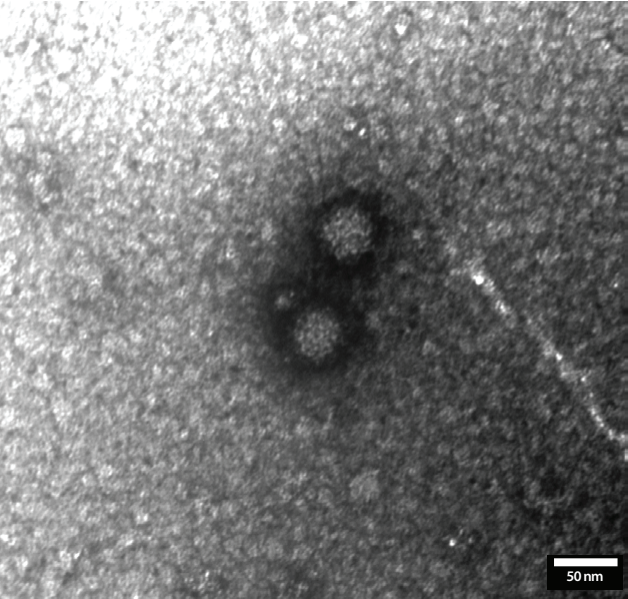
**TEM: Adeno-Associated Virus**

*Stained particles on carbon film*  
Negative stained virus



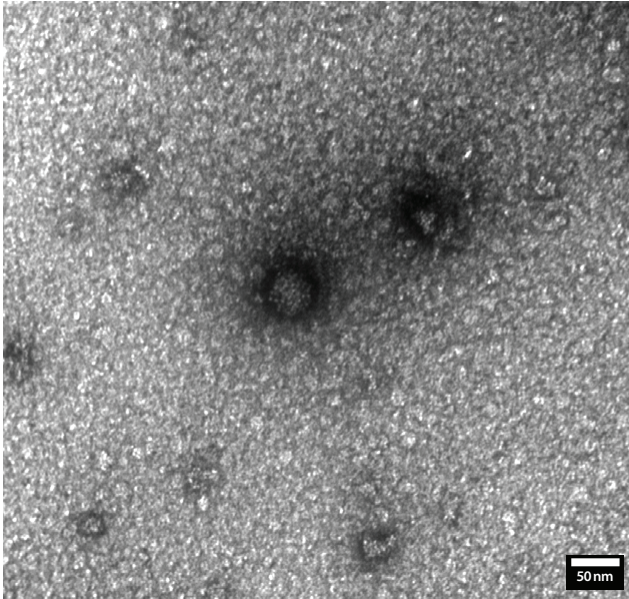
**TEM: Adeno-Associated Virus**

*Stained particles on carbon film*  
Negative stained virus



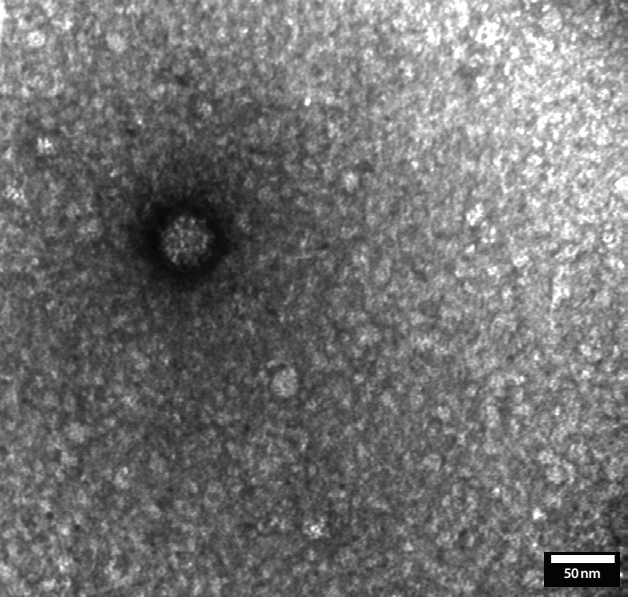
**TEM: Norovirus**

*Stained particles on quantifoil*  
Negative stained virus



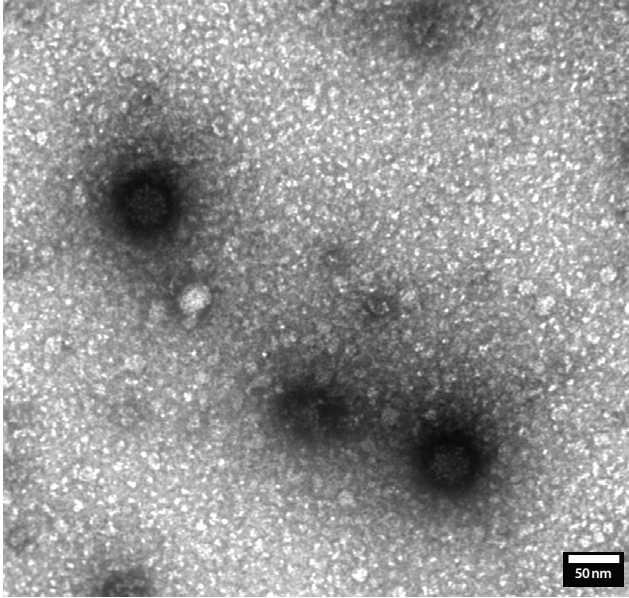
**TEM: Norovirus**

*Stained particles on quantifoil*  
Negative stained virus



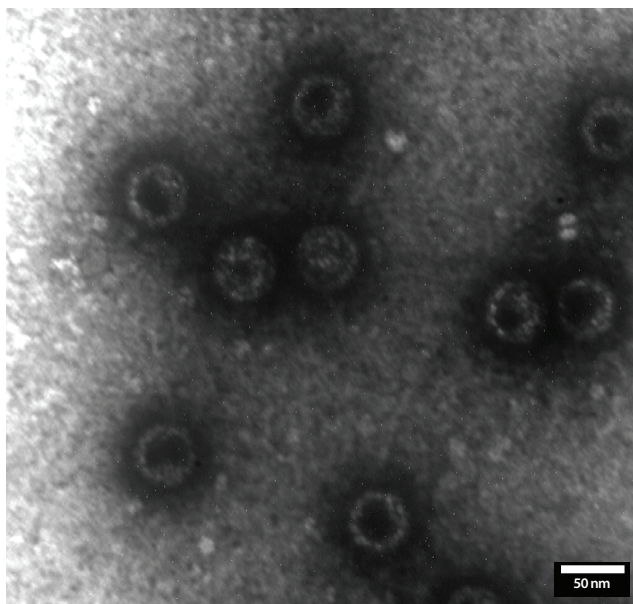
**TEM: Norovirus**

*Stained particles on quantifoil*  
Negative stained virus



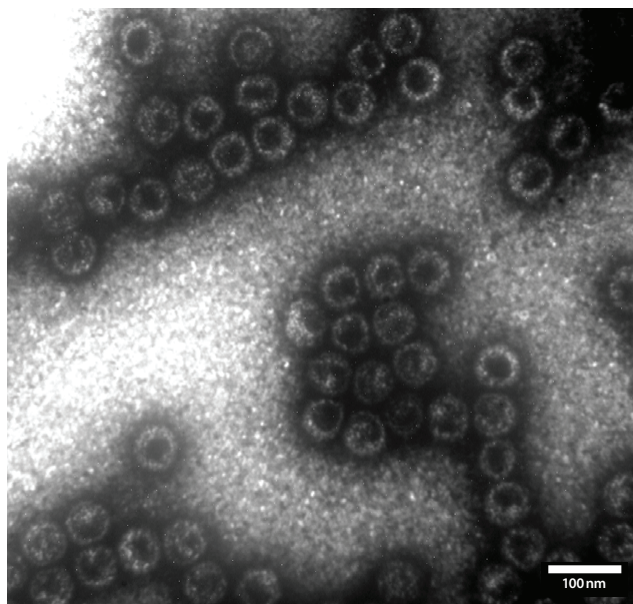
**TEM: Norovirus**

*Stained particles on quantifoil*  
Negative stained virus



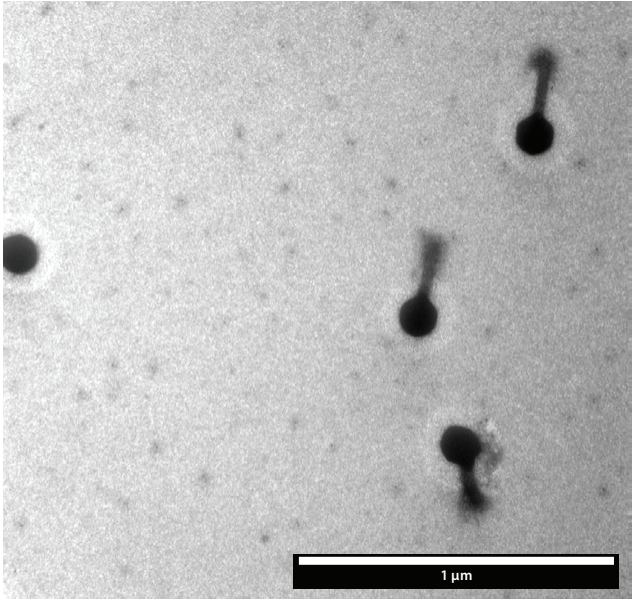
**TEM: BK virus**

*Stained particles on carbon film*  
Virus stained with 2% UAc



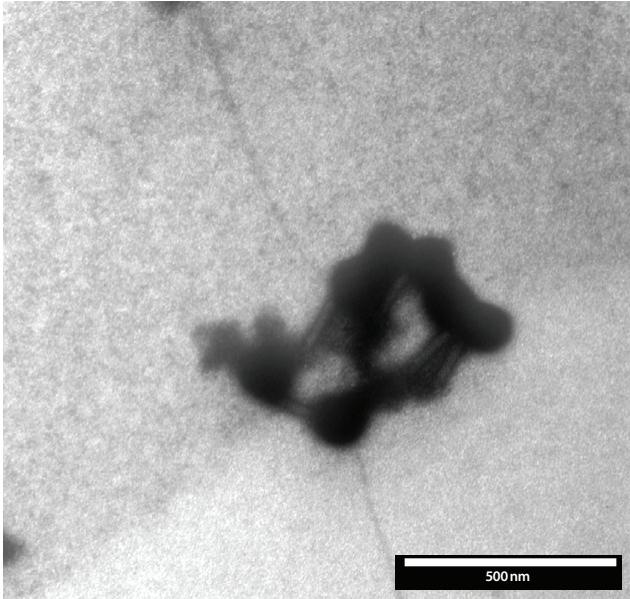
**TEM: BK virus**

*Stained particles on carbon film*  
Virus stained with 2% UAc



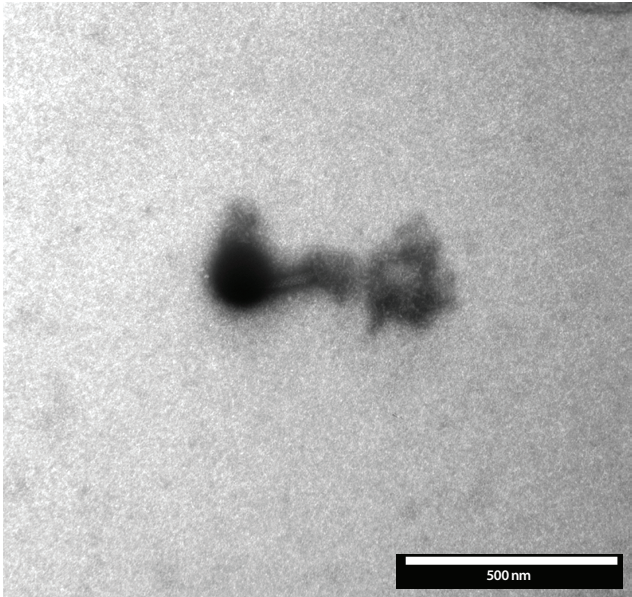
**TEM: Bacteriophage**

*Stained particles on carbon film*  
Virus negative stained by 2% of UA



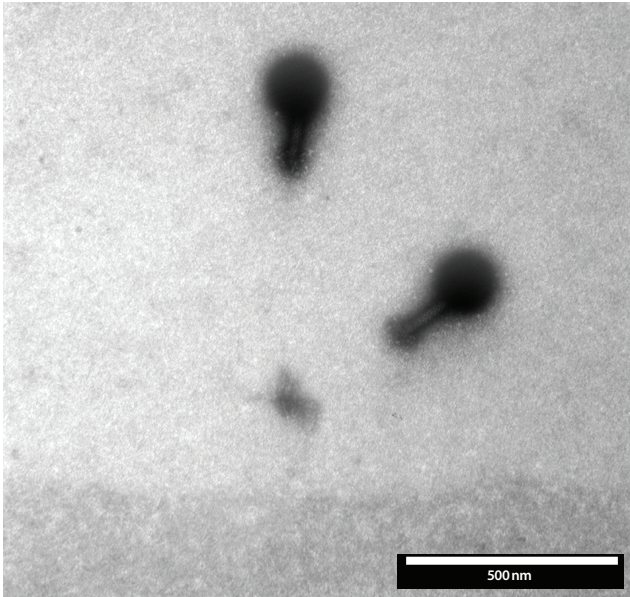
**TEM: Bacteriophage**

*Stained particles on carbon film*  
Virus negative stained by 2% of UA



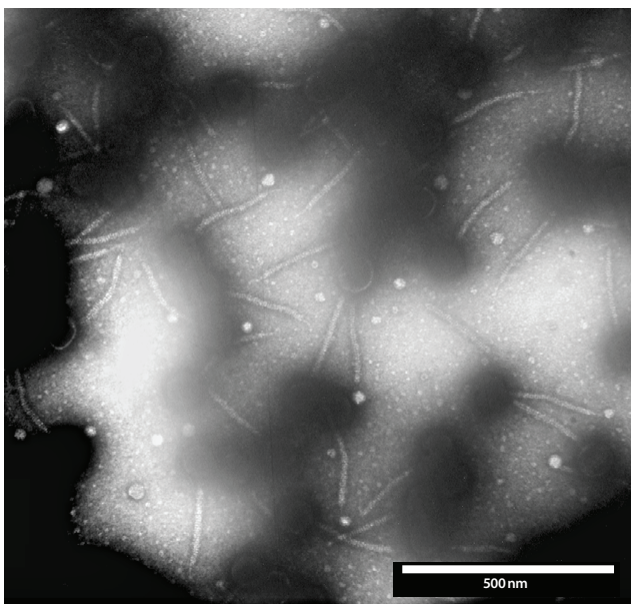
**TEM: Bacteriophage**

*Stained particles on carbon film*  
Virus negative stained by 2% of UA



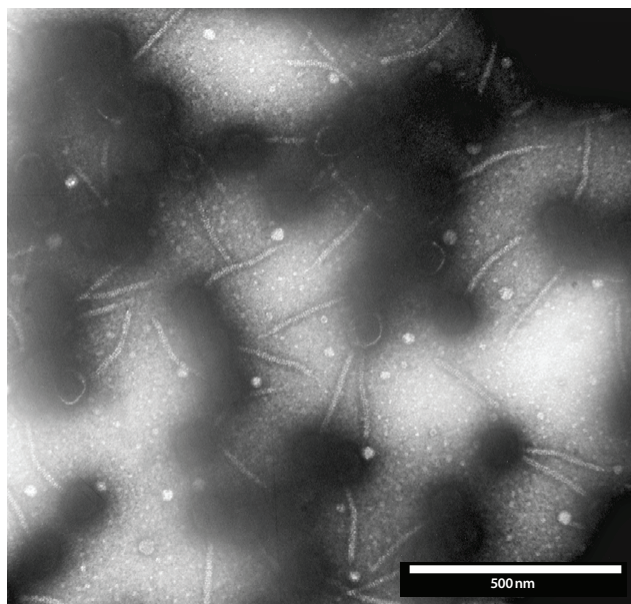
**TEM: Bacteriophage**

*Stained particles on carbon film*  
Virus negative stained by 2% of UA



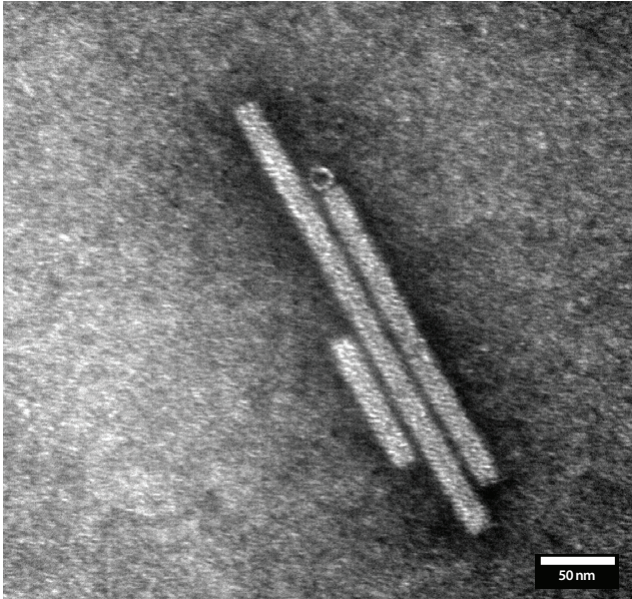
**TEM: Bacteriophage**

*Particles on carbon film*  
Negative stained virus



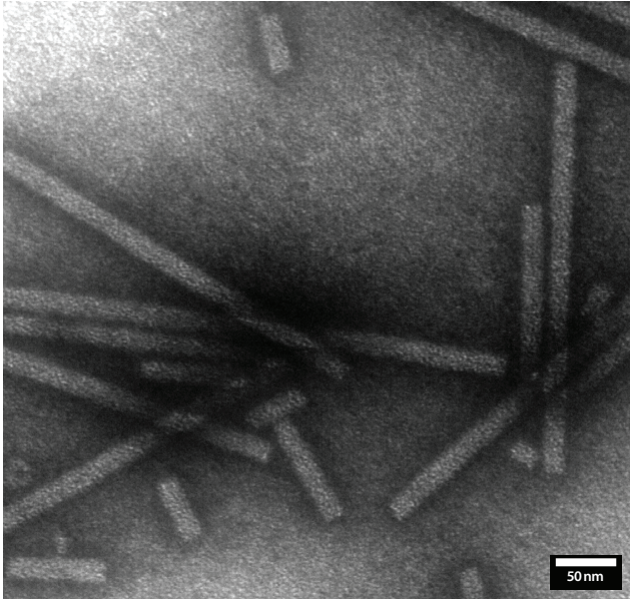
**TEM: Bacteriophage**

*Particles on carbon film*  
Negative stained virus



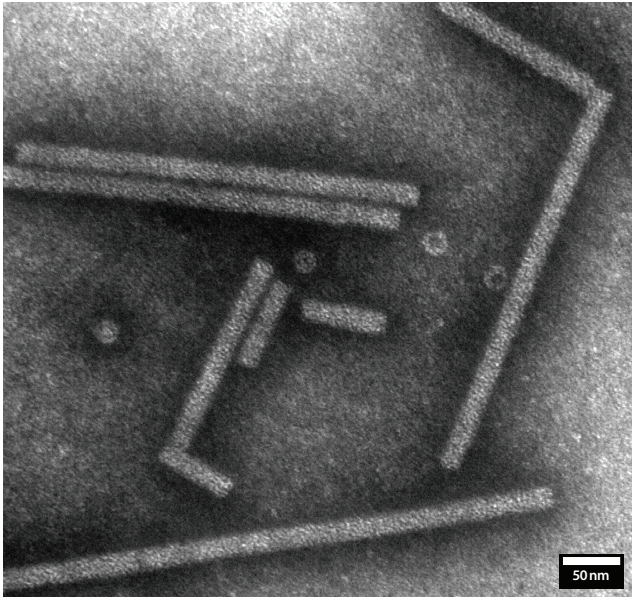
**TEM: Tobacco Mosaic Virus**

*Stained particles on carbon film*  
Negative stained



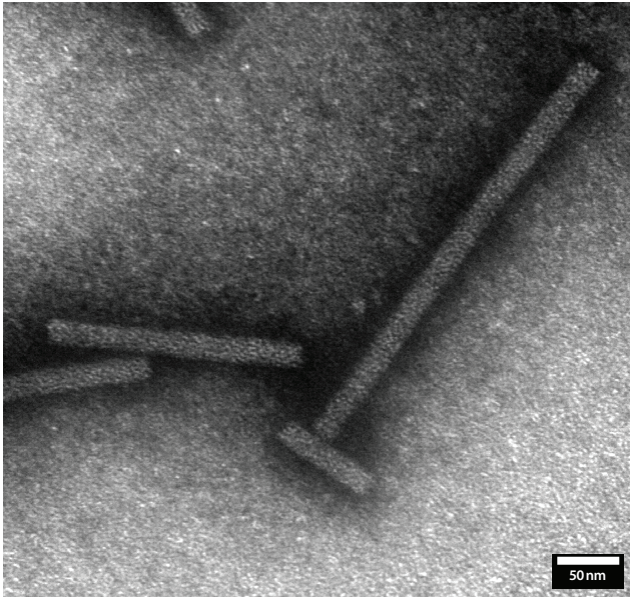
**TEM: Tobacco Mosaic Virus**

*Stained particles on carbon film*  
Negative stained



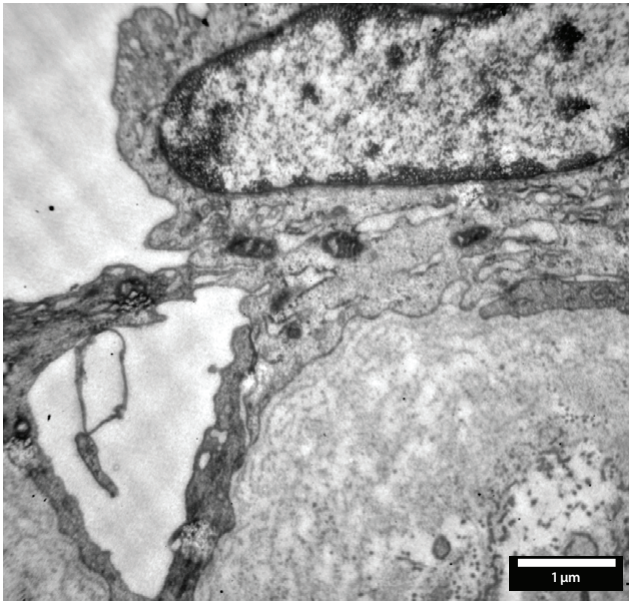
**TEM: Tobacco Mosaic Virus**

*Stained particles on carbon film*  
Negative stained



**TEM: Tobacco Mosaic Virus**

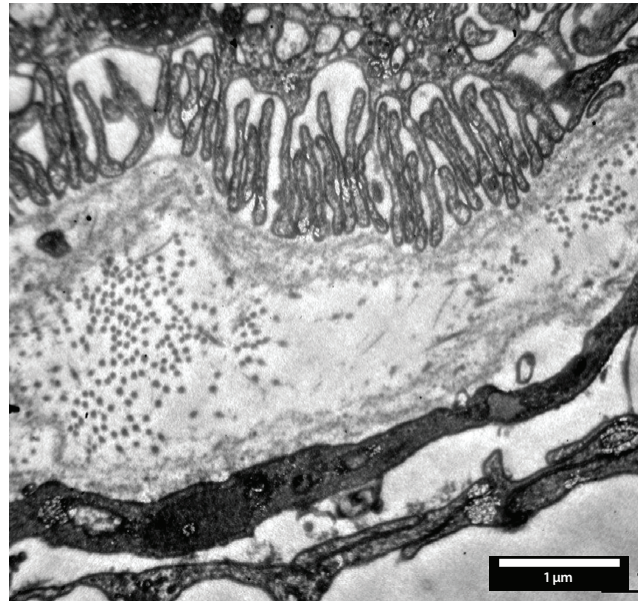
*Stained particles on carbon film*  
Negative stained



**TEM: Kidney**

*Stained ultrathin section*

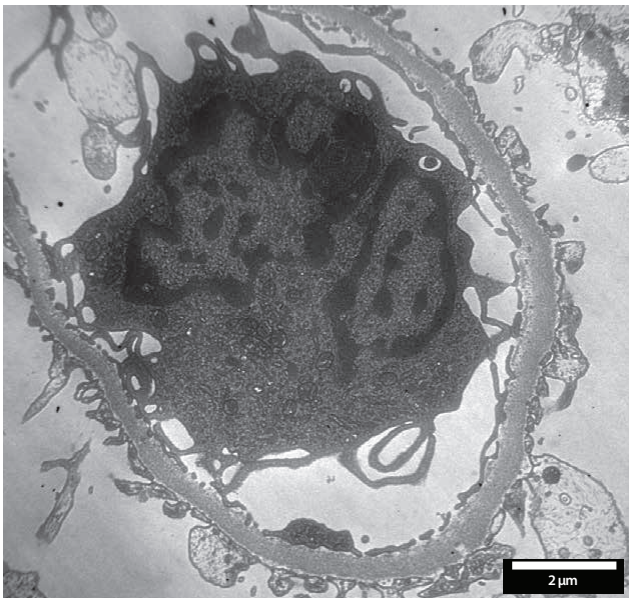
20 nm section, point of interest: nucleus



**TEM: Kidney**

*Stained ultrathin section*

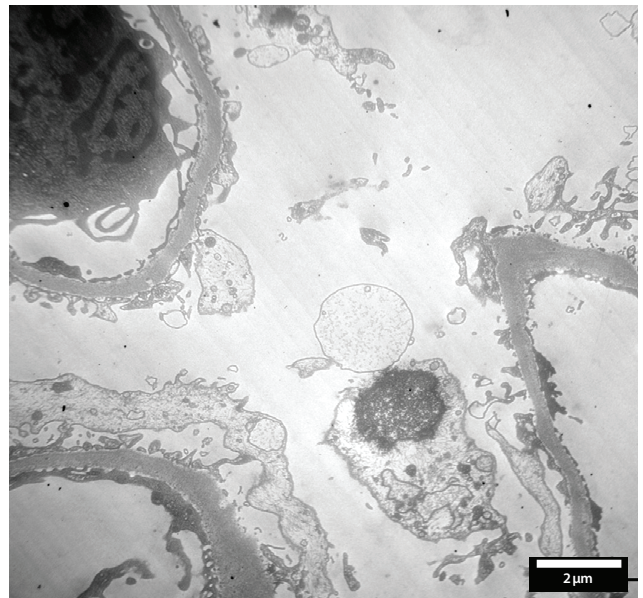
20 nm section



**TEM: Kidney**

*Stained ultrathin section*

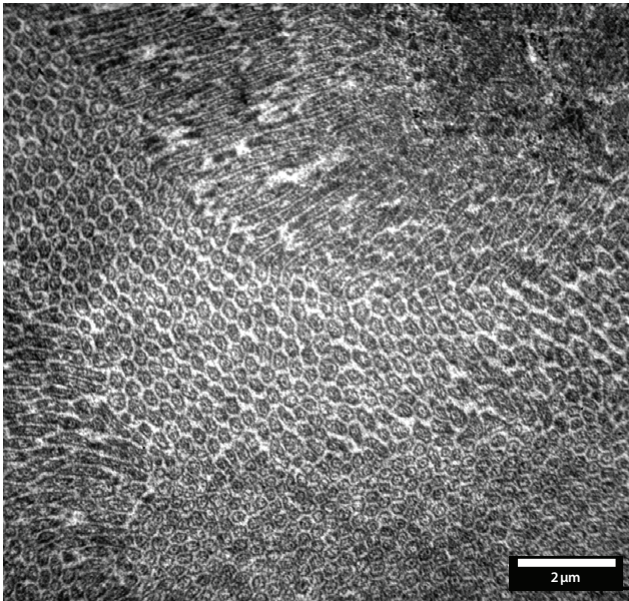
20 nm section, point of interest: leukocyte in capillary



**TEM: Kidney**

*Stained ultrathin section*

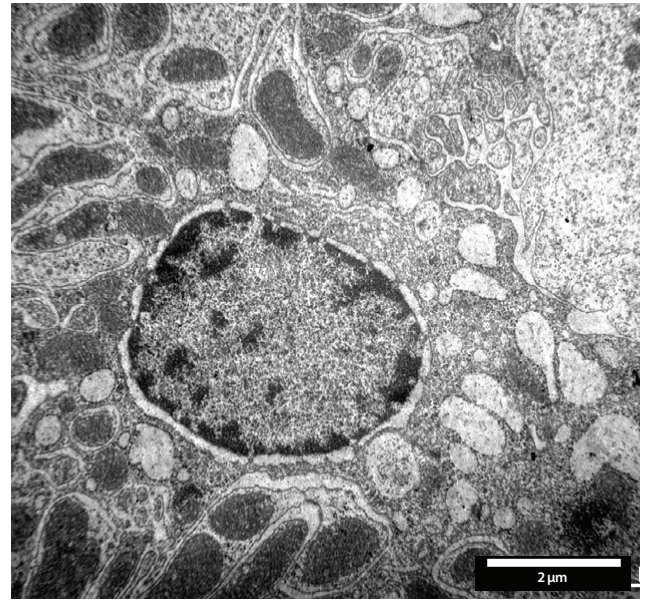
20 nm section, point of interest: leukocyte in capillary



**TEM: Kidney**

*Ultrathin section*

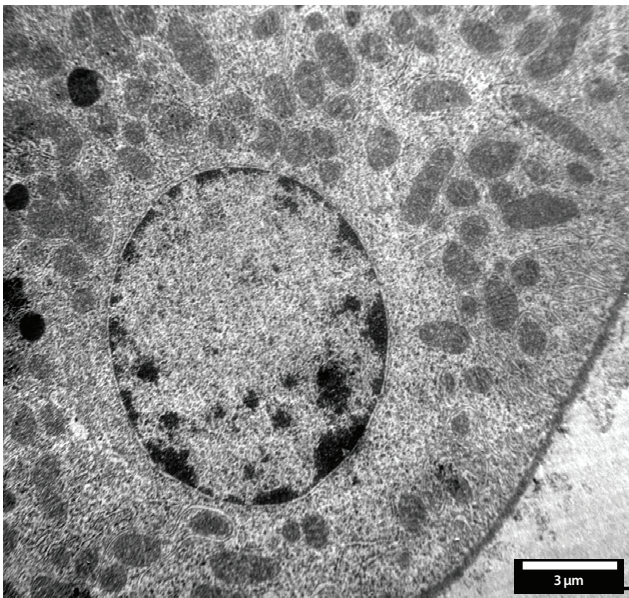
20 nm section, fixed by OsO<sub>4</sub>,  
point of interest: section microtubules  
(citas) in various orientation



**TEM: Kidney**

*Ultrathin section*

20 nm section, fixed by OsO<sub>4</sub>,  
point of interest: nucleus surrounded by mitochondria

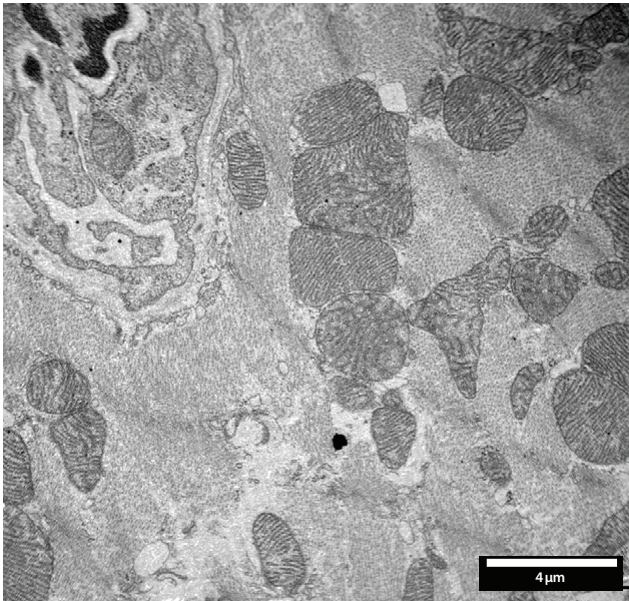


**TEM: Kidney**

*Ultrathin section*

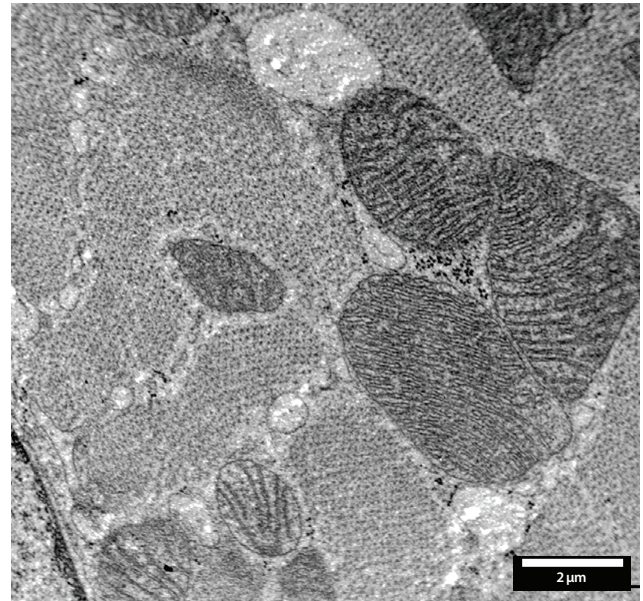
20 nm section, fixed by OsO<sub>4</sub>,  
point of interest: nucleus surrounded by mitochondria





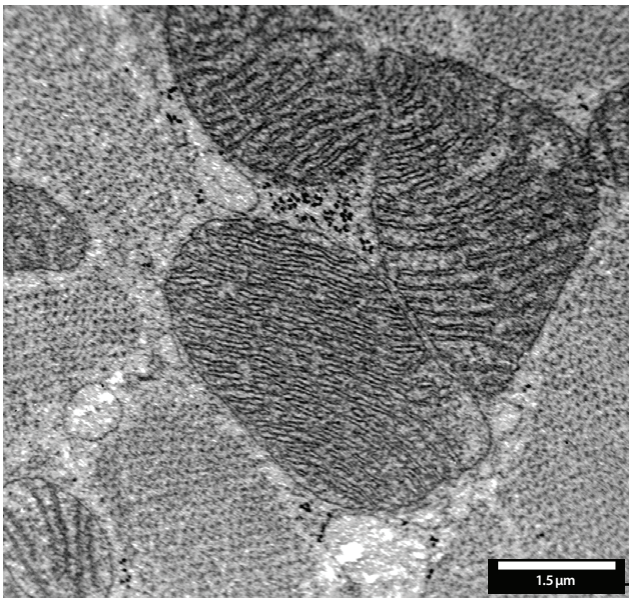
**TEM: Heart Muscle**

*Ultrathin section*  
20 nm section, fixed by OsO<sub>4</sub>,  
point of interest: mitochondrias and muscle fibres



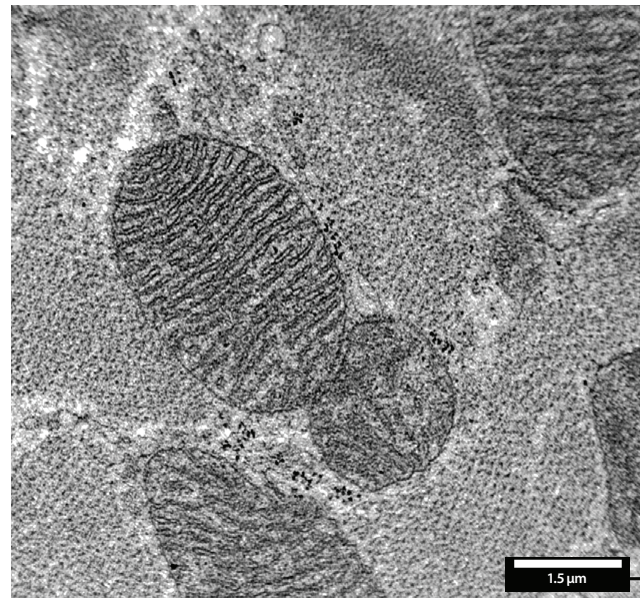
**TEM: Heart Muscle**

*Ultrathin section*  
20 nm section, fixed by OsO<sub>4</sub>,  
point of interest: mitochondrias and muscle fibres



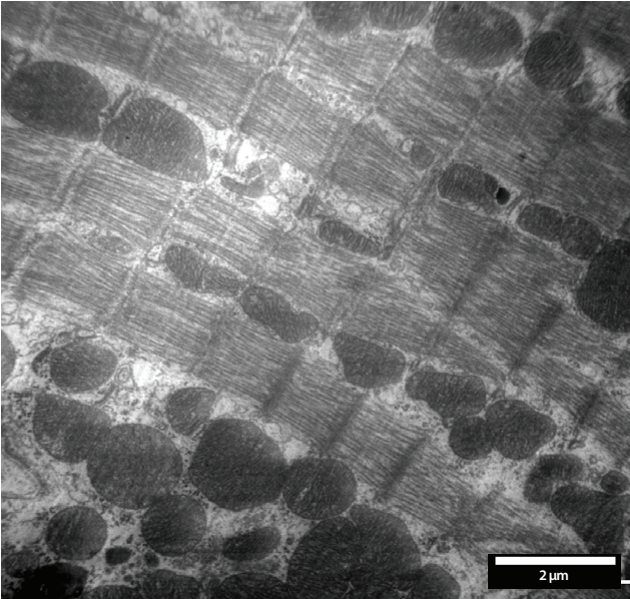
**TEM: Heart Muscle**

*Ultrathin section*  
20 nm section, fixed by OsO<sub>4</sub>,  
point of interest: mitochondrias and muscle fibres



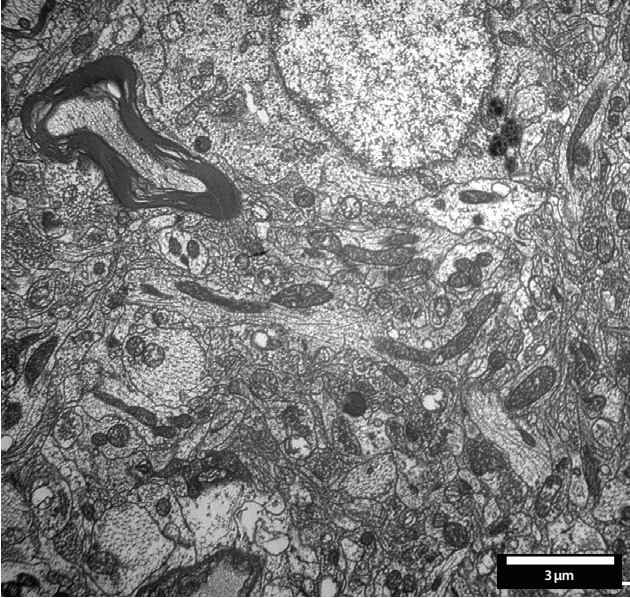
**TEM: Heart Muscle**

*Ultrathin section*  
20 nm section, fixed by OsO<sub>4</sub>,  
point of interest: mitochondrias and muscle fibres



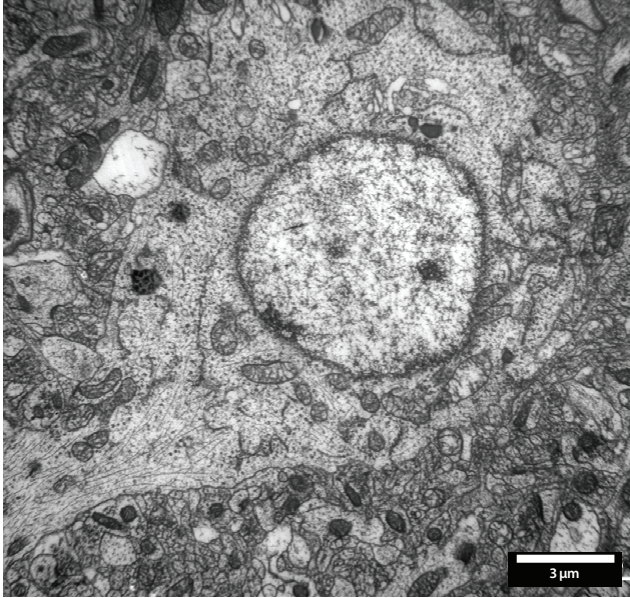
**TEM: Muscle**

*Ultrathin section*  
20 nm section, fixed by  $C_5H_8O_2$ , point of interest:  
structure of myofibrils and mitochondria



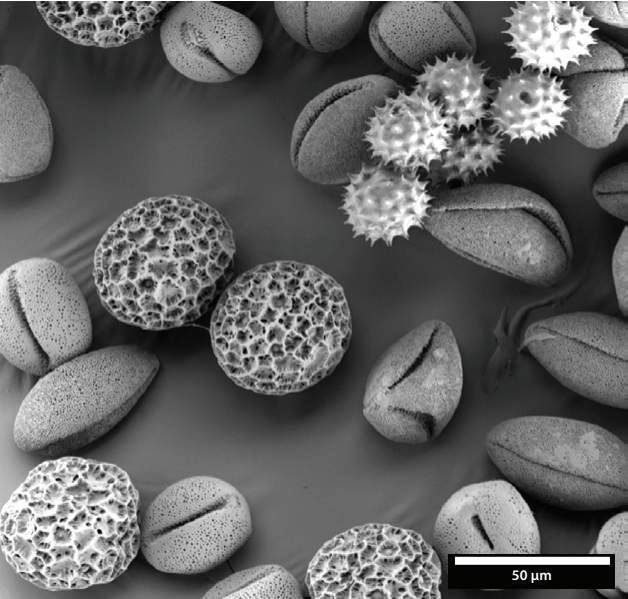
**TEM: Brain**

*Stained ultrathin section*  
20 nm section



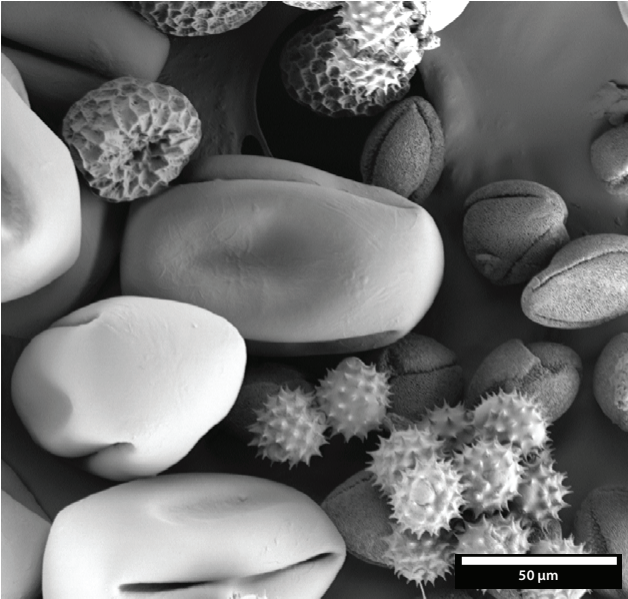
**TEM: Brain**

*Stained ultrathin section*  
20 nm section



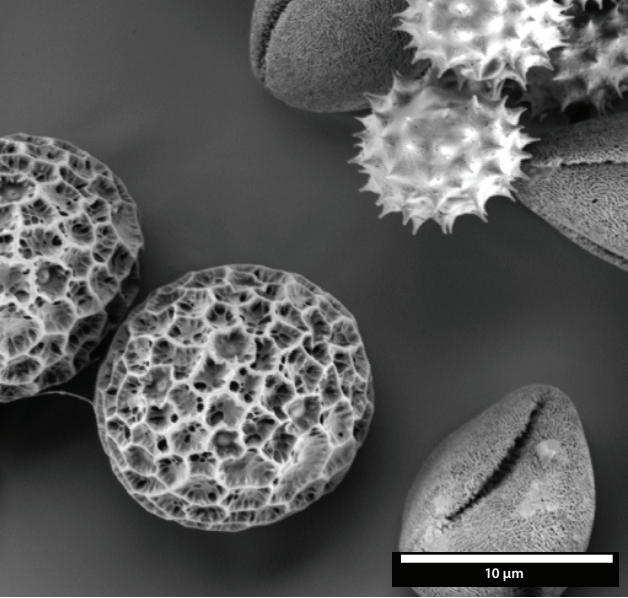
**SEM: Pollen Grains**

*Particles on stub*  
BSE. Gold coated



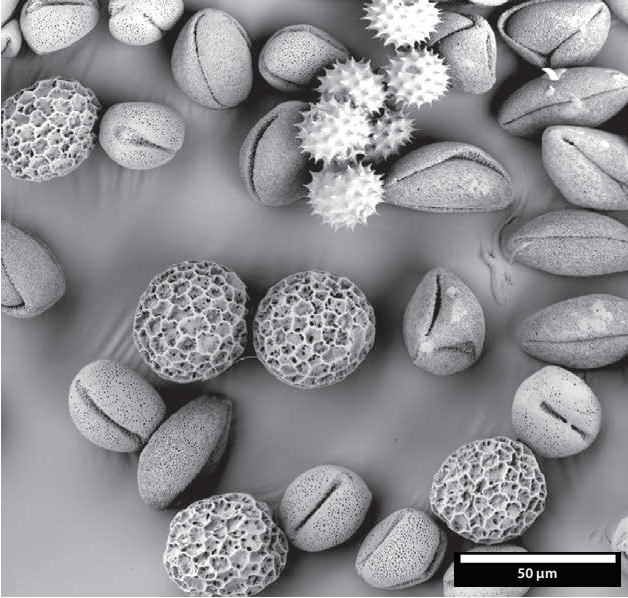
**SEM: Pollen Grains**

*Particles on stub*  
BSE. Gold coated



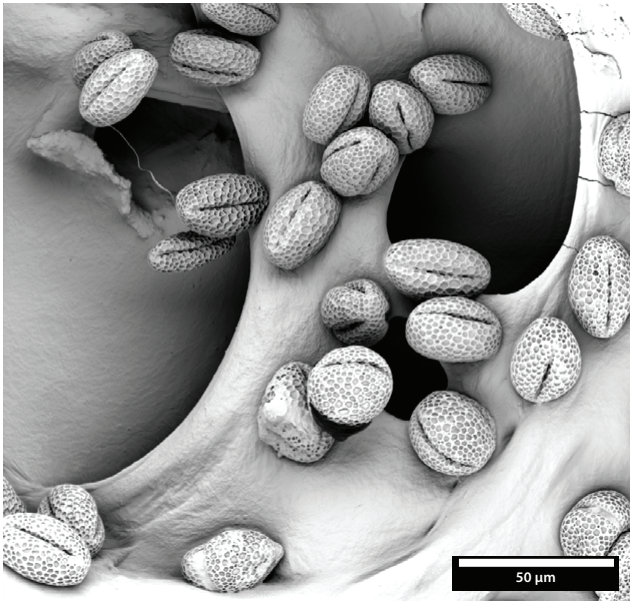
**SEM: Pollen Grains**

*Particles on stub*  
BSE. Gold coated



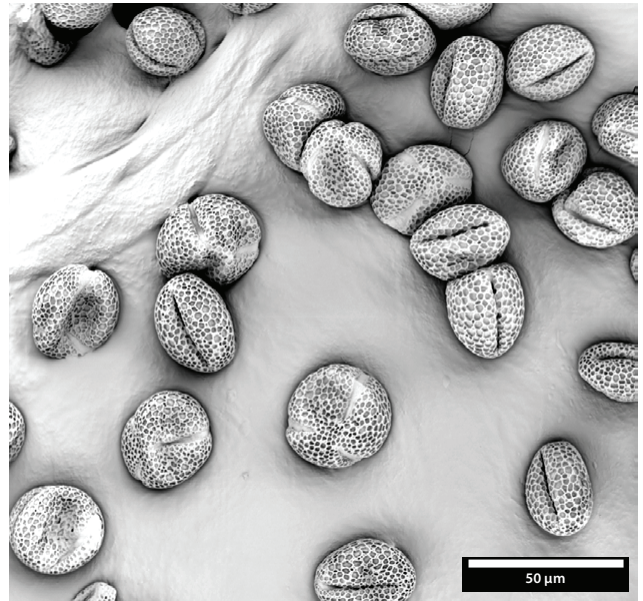
**SEM: Pollen Grains**

*Particles on stub*  
BSE. Gold coated



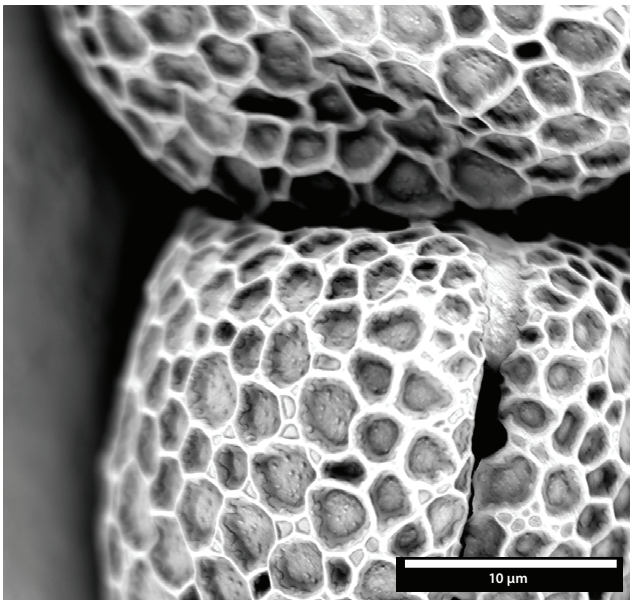
**SEM: Pollen Grains (Forsythia)**

*Particles on stub*  
BSE. Gold coated



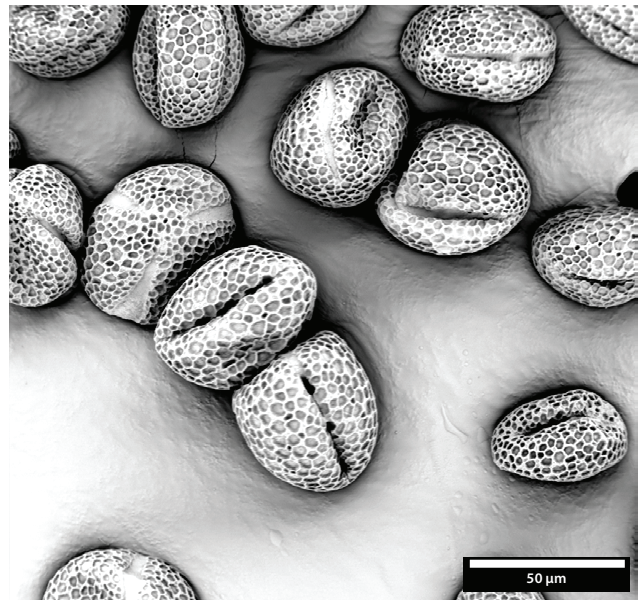
**SEM: Pollen Grains (Forsythia)**

*Particles on stub*  
BSE. Gold coated



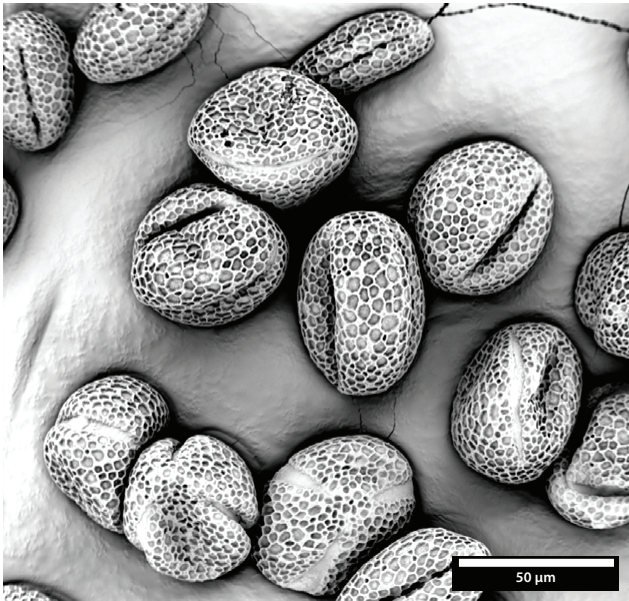
**SEM: Pollen Grains (Forsythia)**

*Particles on stub*  
BSE. Gold coated



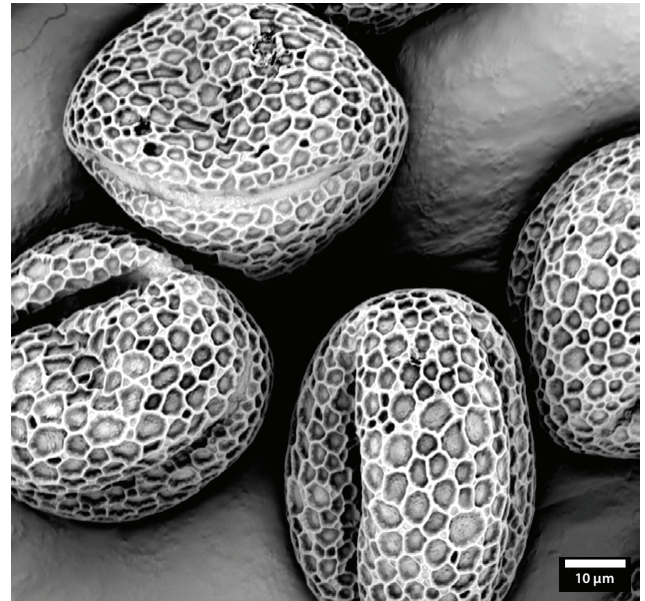
**SEM: Pollen Grains (Forsythia)**

*Particles on stub*  
BSE. Gold coated



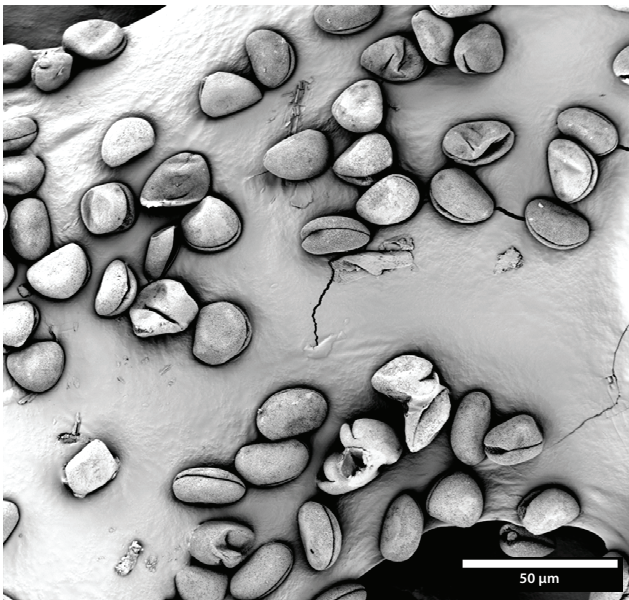
**SEM: Pollen Grains (Forsythia)**

*Particles on stub*  
BSE. Gold coated



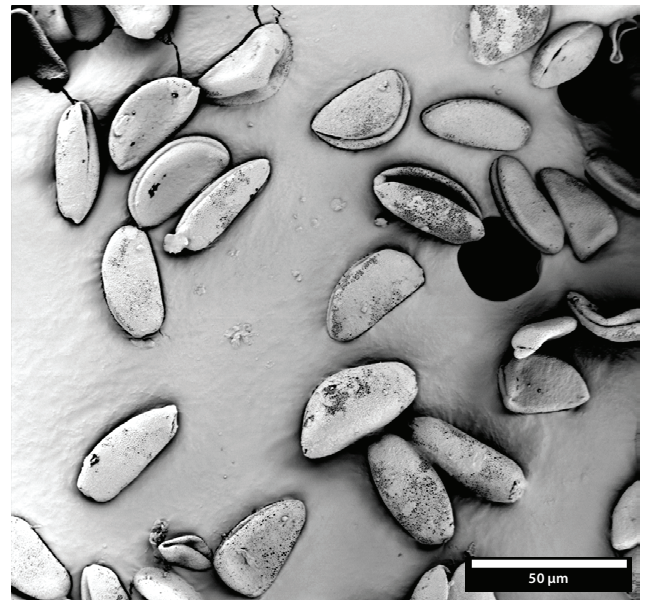
**SEM: Pollen Grains (Forsythia)**

*Particles on stub*  
BSE. Gold coated



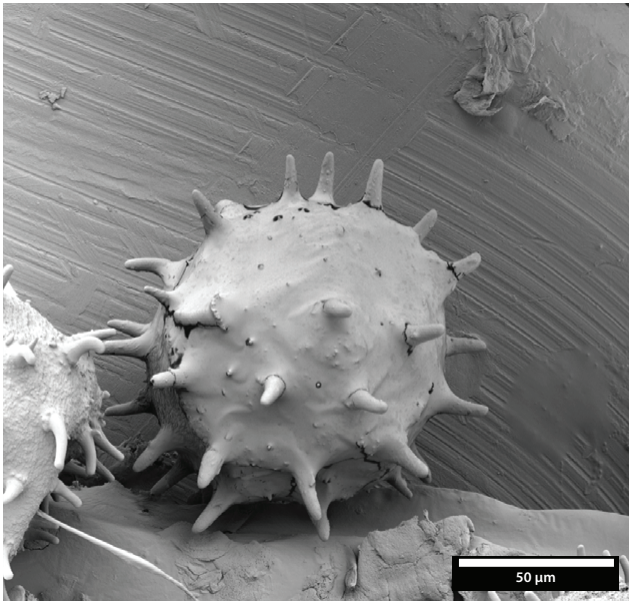
**SEM: Pollen Grains (Narcissus)**

*Particles on stub*  
BSE. Gold coated



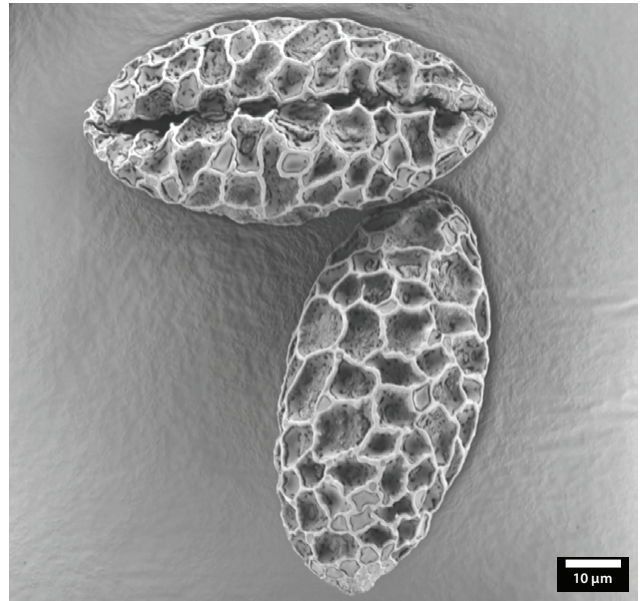
**SEM: Pollen Grains (Narcissus)**

*Particles on stub*  
BSE. Gold coated



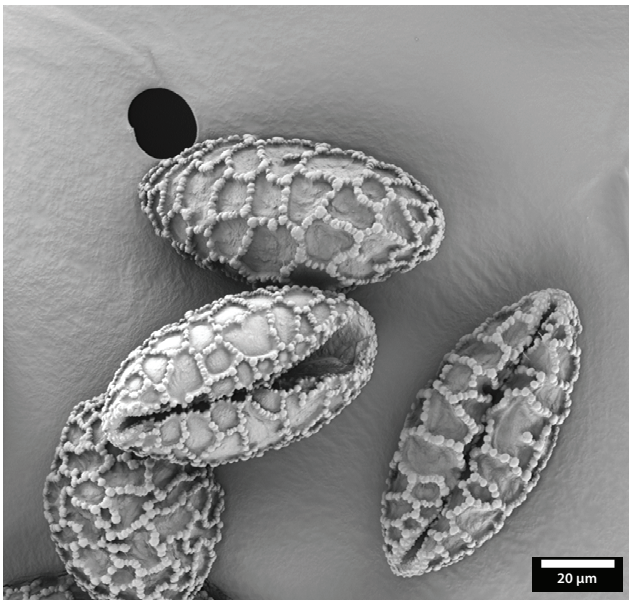
**SEM: Pollen Grains (Hibiscus)**

*Particles on stub*  
BSE. Gold coated



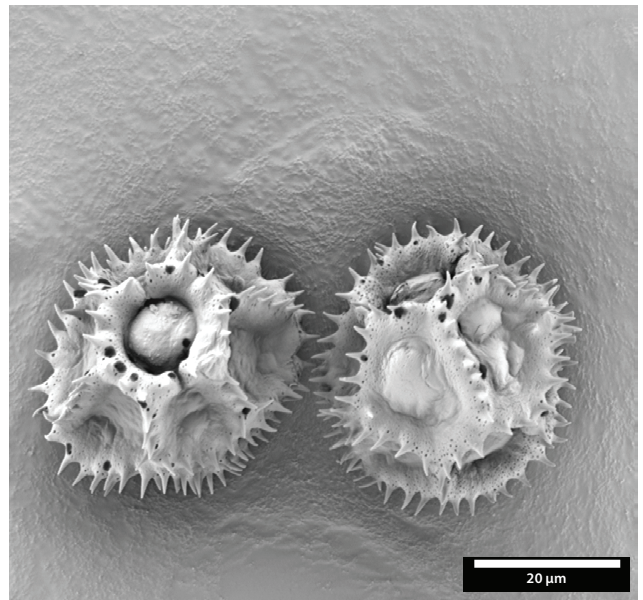
**SEM: Pollen Grains (Hosta)**

*Particles on stub*  
BSE. Gold coated



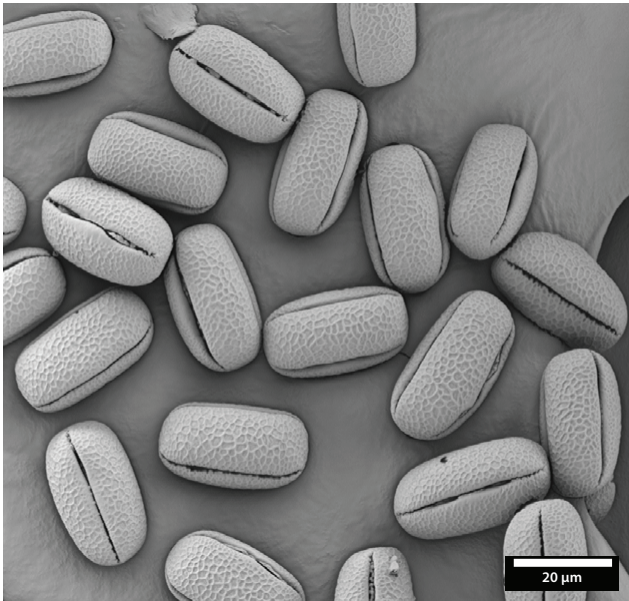
**SEM: Pollen Grains (Lily)**

*Particles on stub*  
BSE. Gold coated



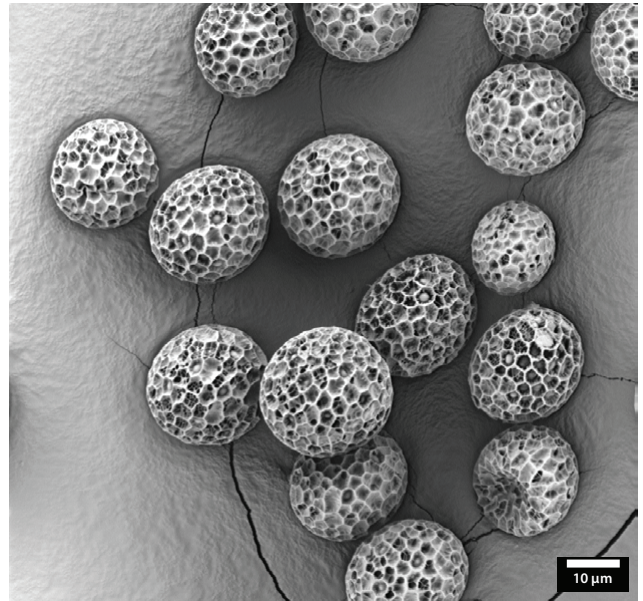
**SEM: Pollen Grains (Chicory)**

*Particles on stub*  
BSE. Gold coated



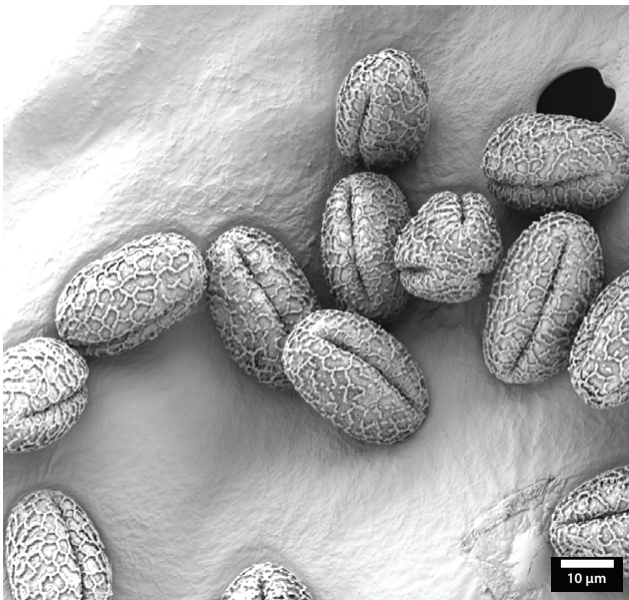
**SEM: Pollen Grains (Lupine)**

*Particles on stub*  
BSE. Gold coated



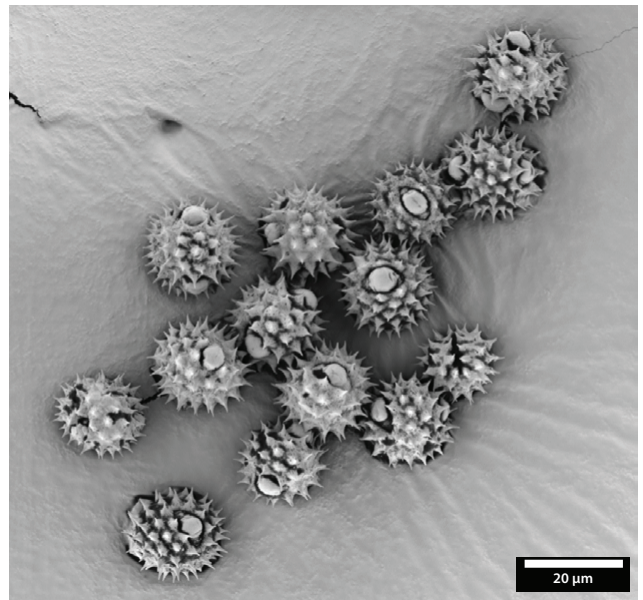
**SEM: Pollen Grains (Phlox)**

*Particles on stub*  
BSE. Gold coated



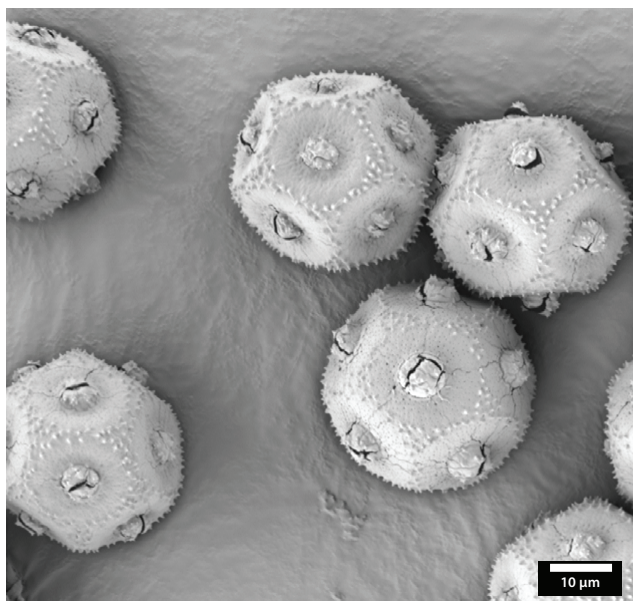
**SEM: Pollen Grains (Viburnum)**

*Particles on stub*  
BSE. Gold coated



**SEM: Pollen Grains (Daisy)**

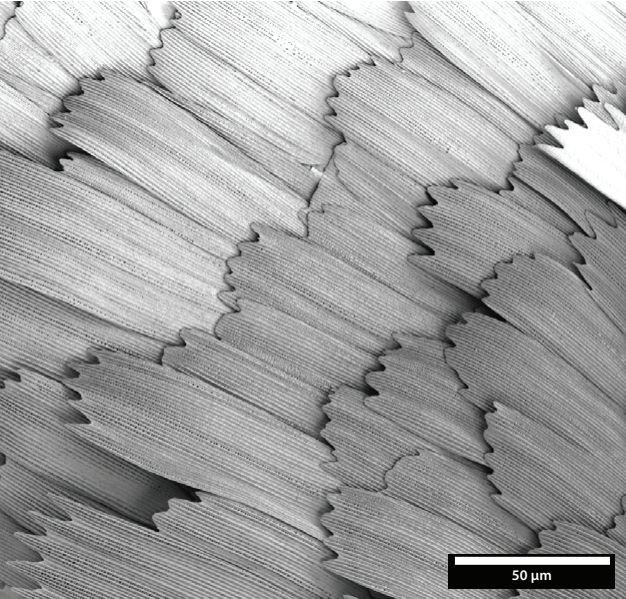
*Particles on stub*  
BSE. Gold coated



**SEM: Pollen grains (Rabelera)**

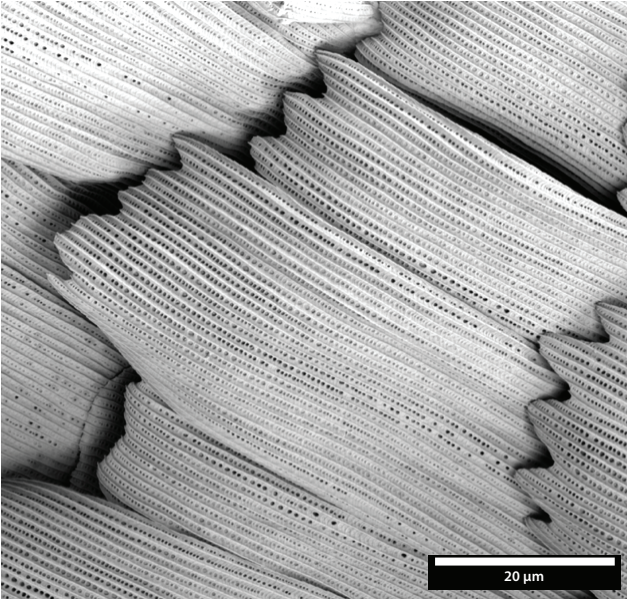
*Particles on stub*  
BSE. Gold coated





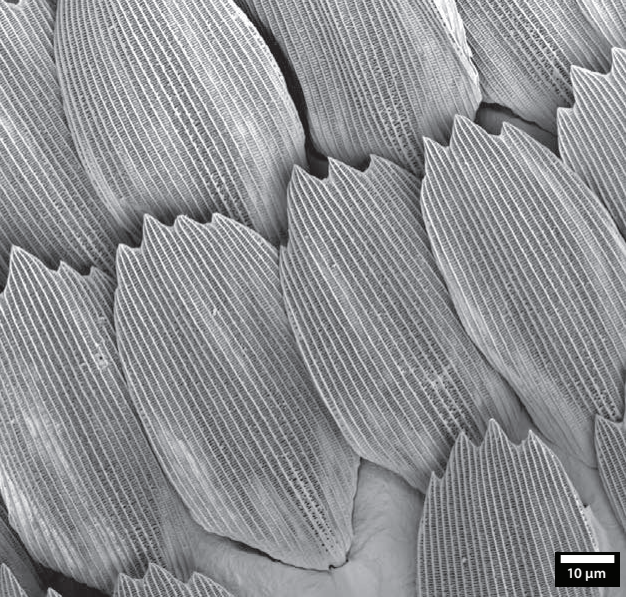
**SEM: Butterfly Wing**

Sample on stub  
BSE. Gold coated



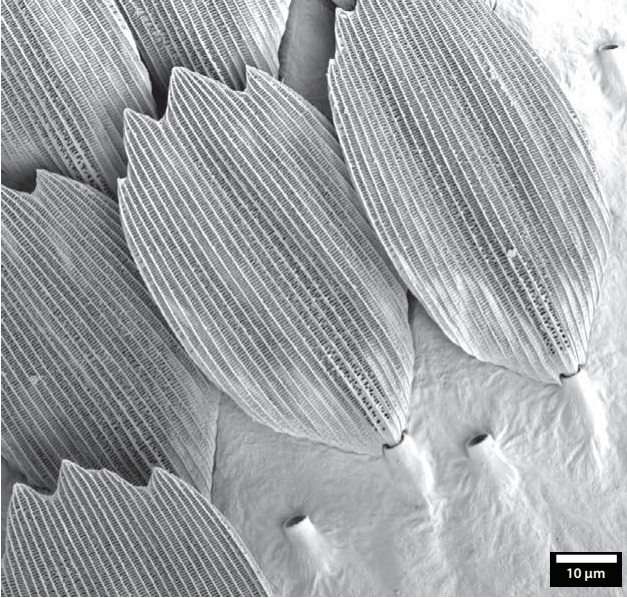
**SEM: Butterfly Wing**

Sample on stub  
BSE. Gold coated



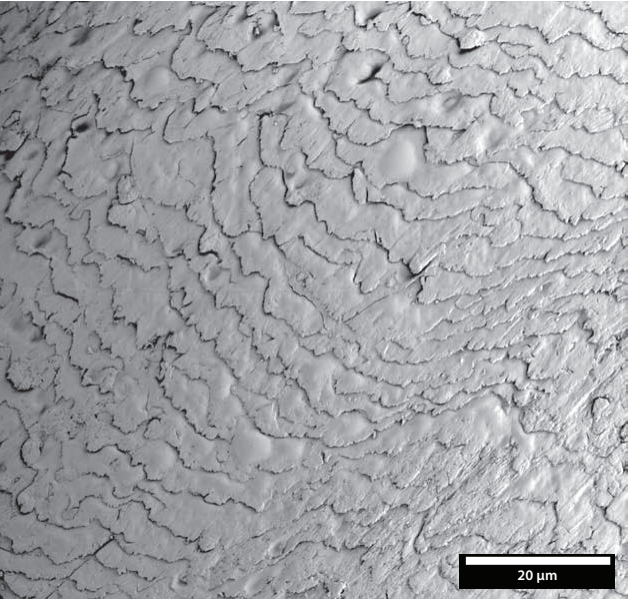
**SEM: Butterfly Wing**

Sample on stub  
BSE. Gold coated



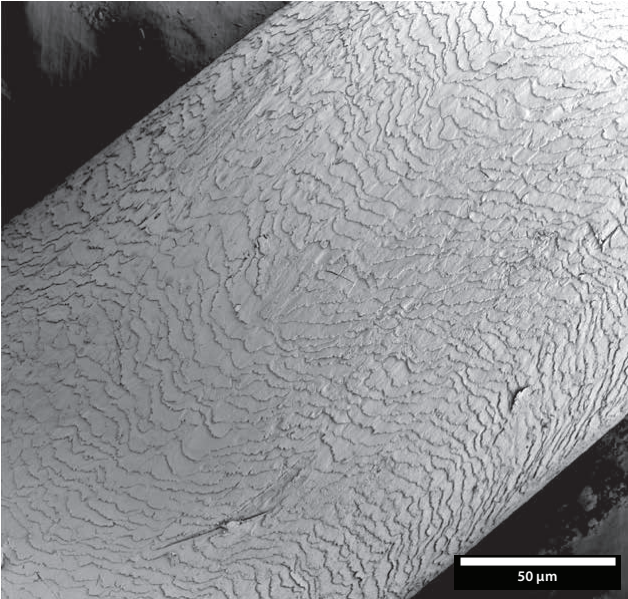
**SEM: Butterfly Wing**

Sample on stub  
BSE. Gold coated



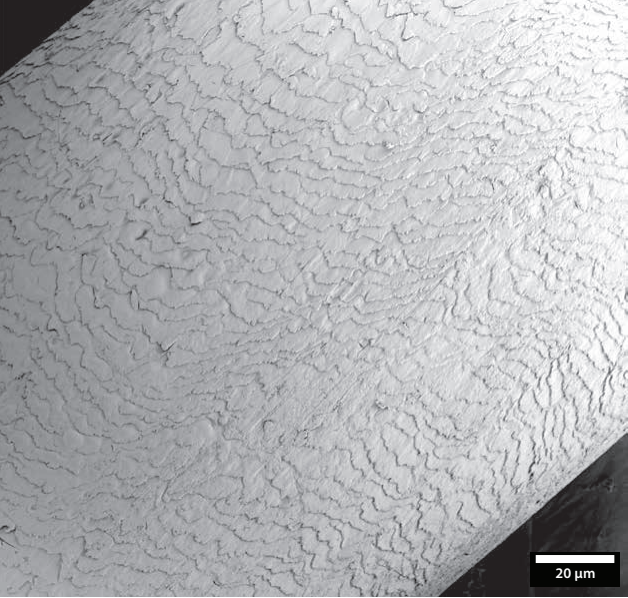
**SEM: Hair (Horse Tail)**

*Sample on stub*  
BSE. Gold coated



**SEM: Hair (Horse Tail)**

*Sample on stub*  
BSE. Gold coated



**SEM: Hair (Horse Tail)**

*Sample on stub*  
BSE. Gold coated