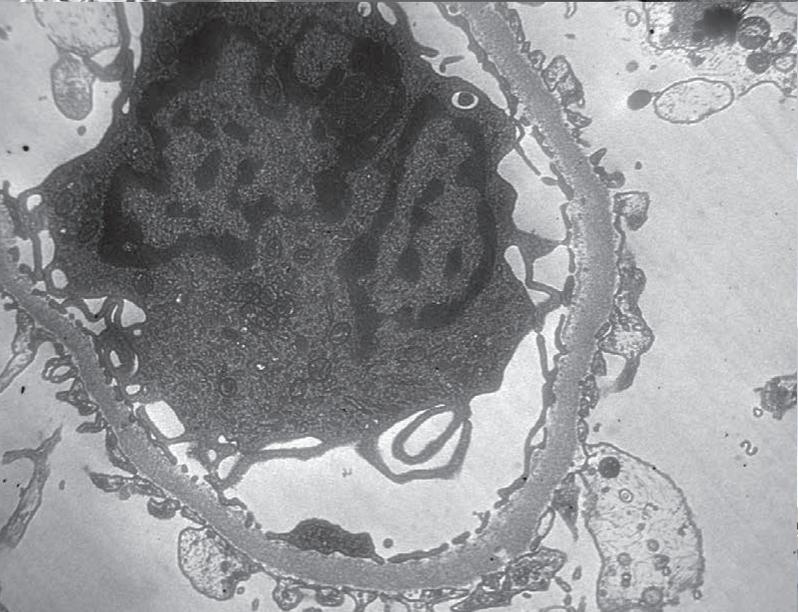


LVEM 5

Low Voltage Electron Microscope
Applications Brochure



LVEM 5 APPLICATIONS

Material Sciences

Nanomaterials

Polymers

Chemistry

Electron Diffraction

Inspection

Life Sciences

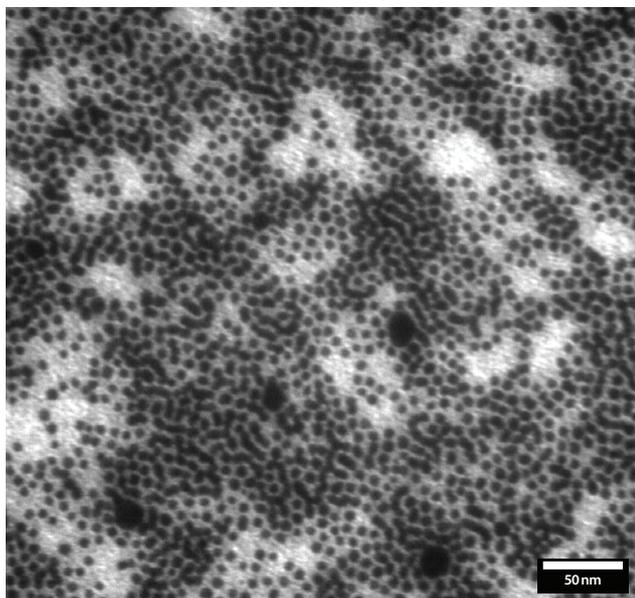
Biochemistry

Virology

Pathology

Botany

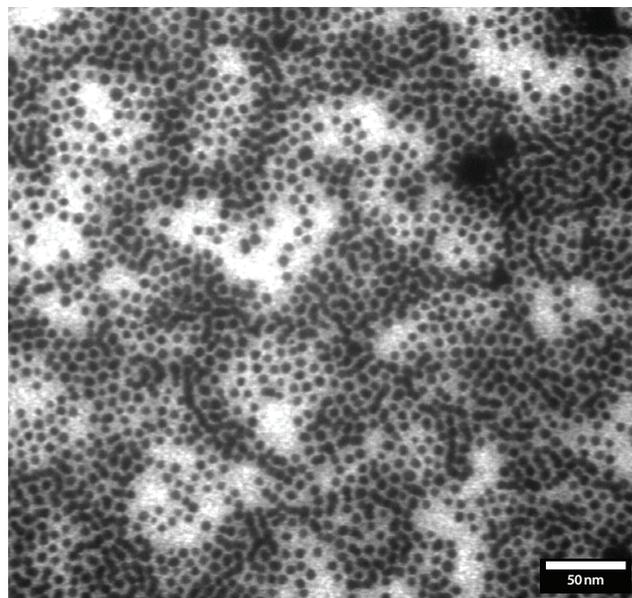
Biology



TEM: PtNi Nanoparticles

Particles on carbon film

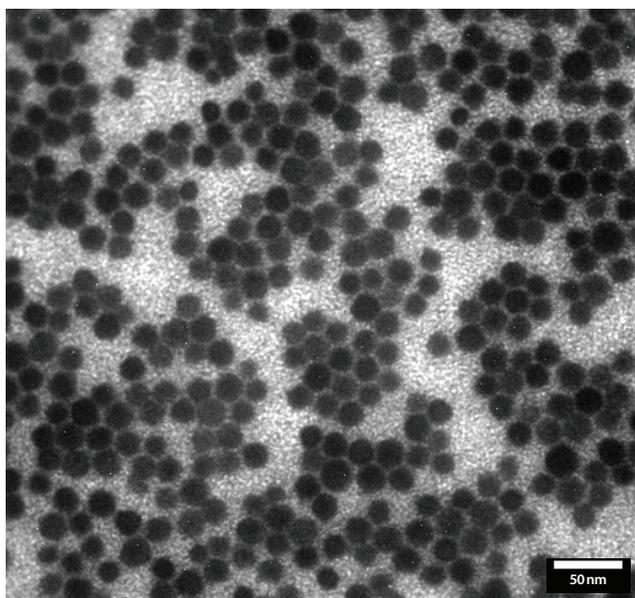
5–6 nm particles protected by organic surfactants



TEM: PtNi Nanoparticles

Particles on carbon film

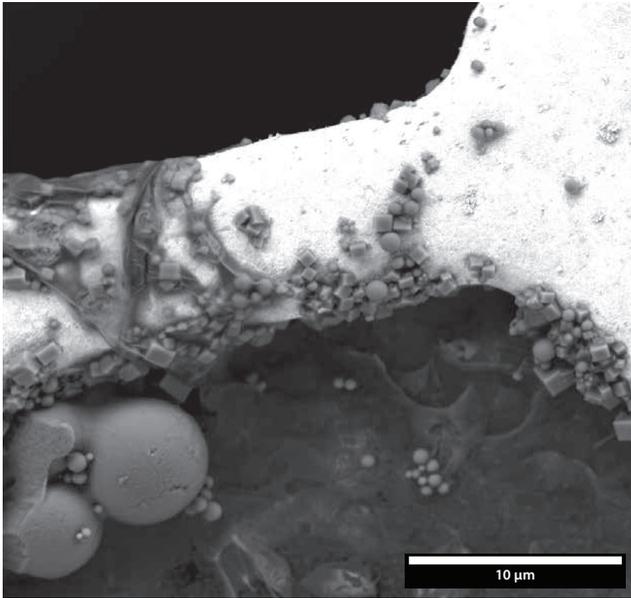
5–6 nm particles protected by organic surfactants



TEM: PbS Nanoparticles

Particles on carbon film

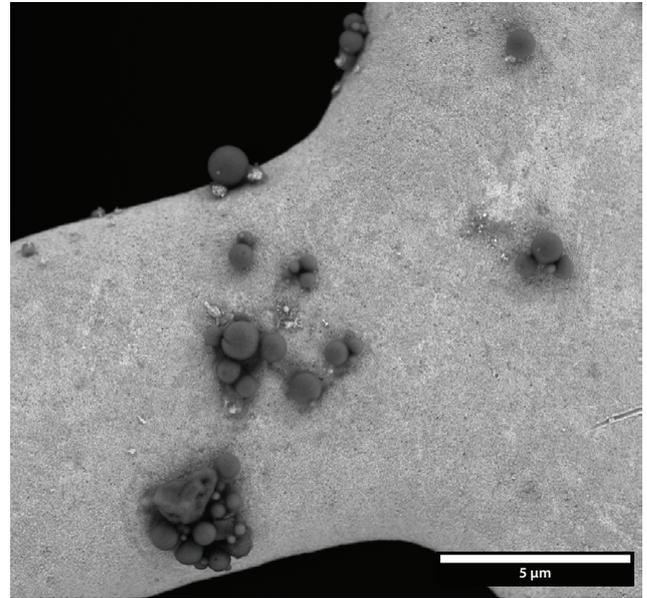
8 nm particles



SEM: FeO Particles

Particles on stub

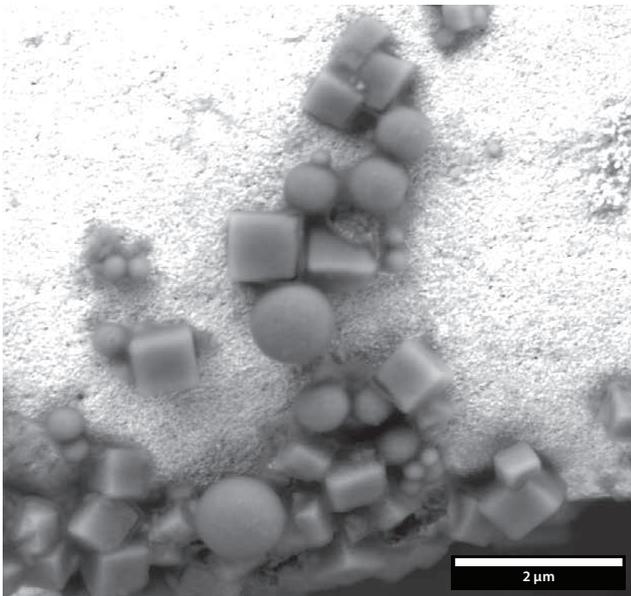
BSE. Uncoated particles with a few nm layer of silica coating on the surface



SEM: FeO Particles

Particles on stub

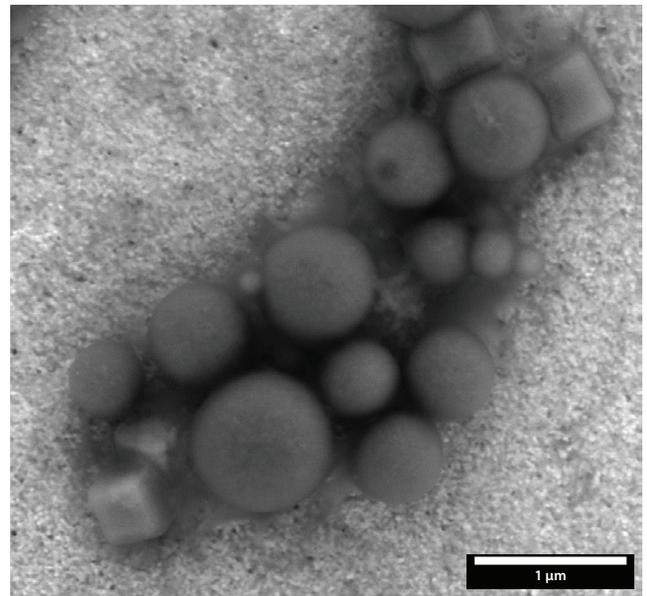
BSE. Uncoated particles with a few nm layer of silica coating on the surface



SEM: FeO Particles

Particles on stub

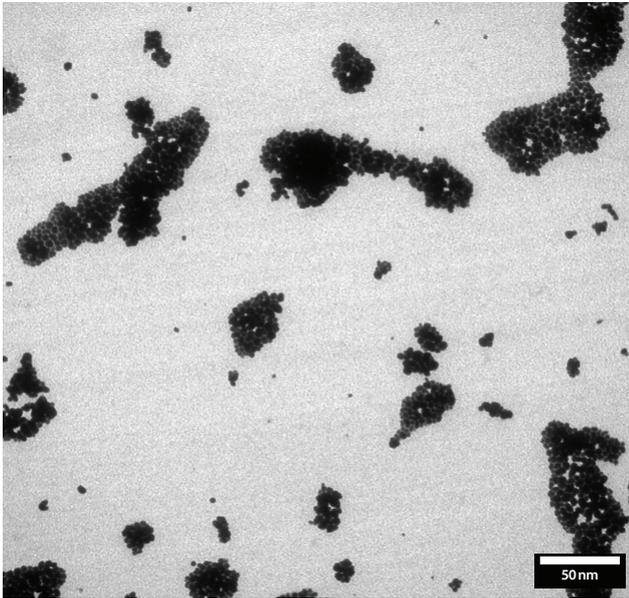
BSE. Uncoated particles with a few nm layer of silica coating on the surface



SEM: FeO Particles

Particles on stub

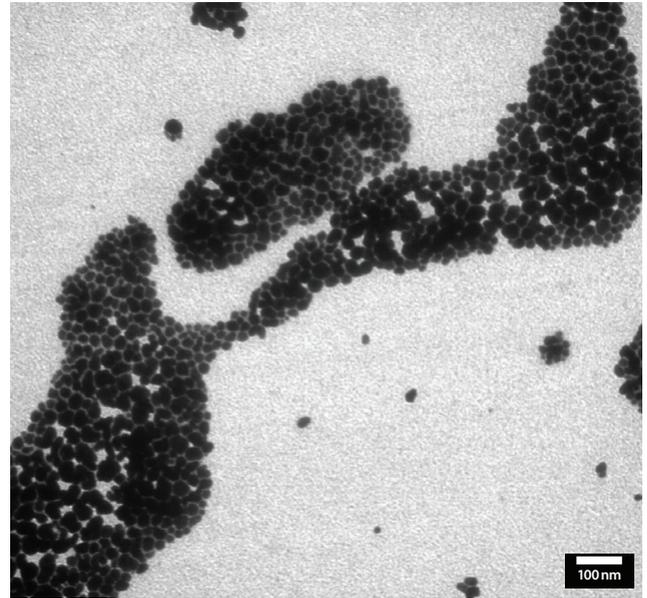
BSE. Uncoated particles with a few nm layer of silica coating on the surface



TEM: FeO Nanoparticles

Particles on carbon film

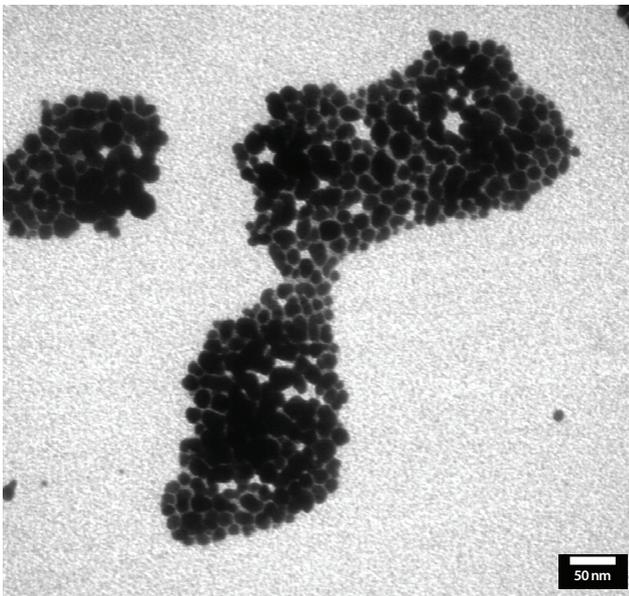
15 nm particles



TEM: FeO Nanoparticles

Particles on carbon film

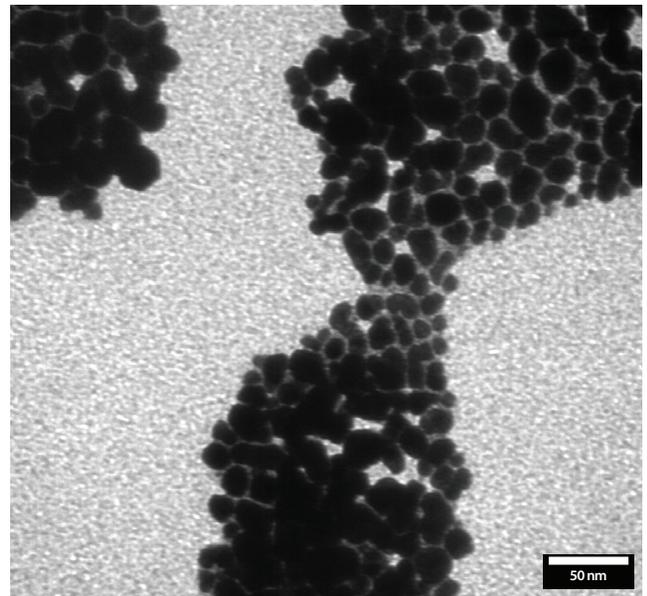
15 nm particles



TEM: FeO Nanoparticles

Particles on carbon film

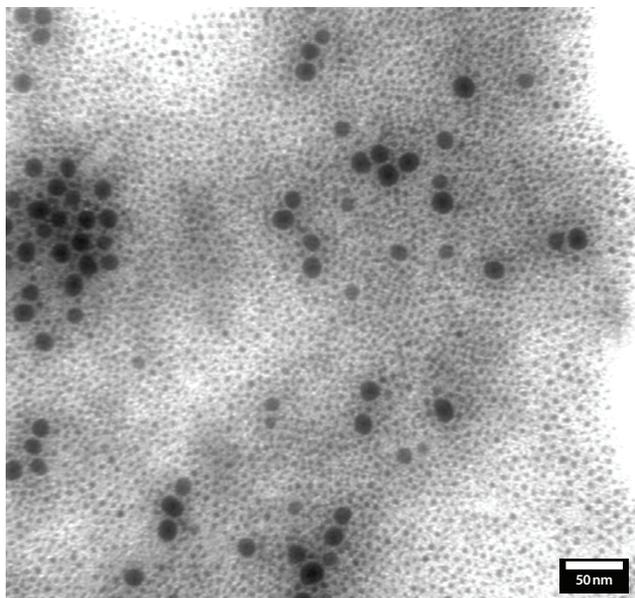
15 nm particles



TEM: FeO Nanoparticles

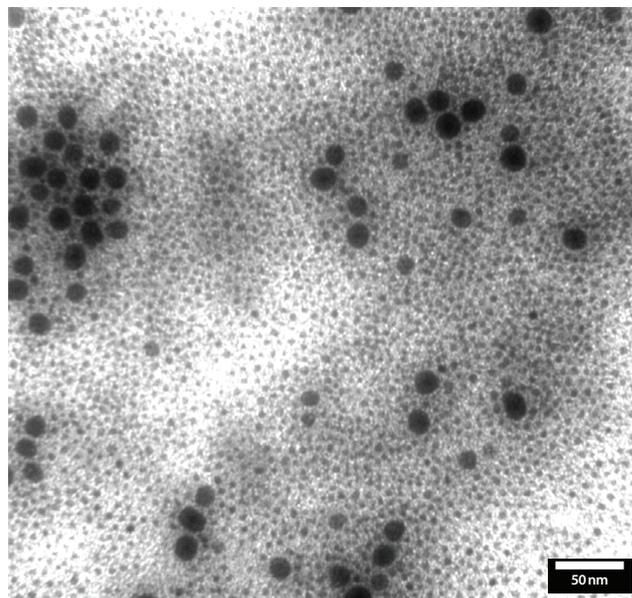
Particles on carbon film

15 nm particles



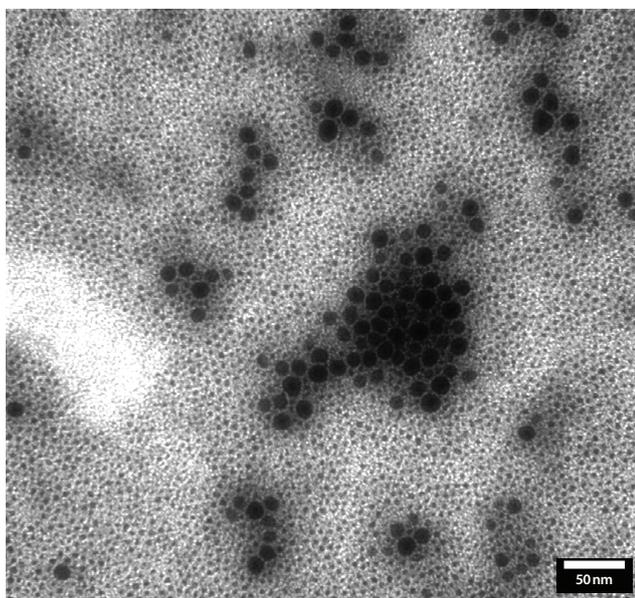
TEM: Fe Nanoparticles

Particles on carbon film



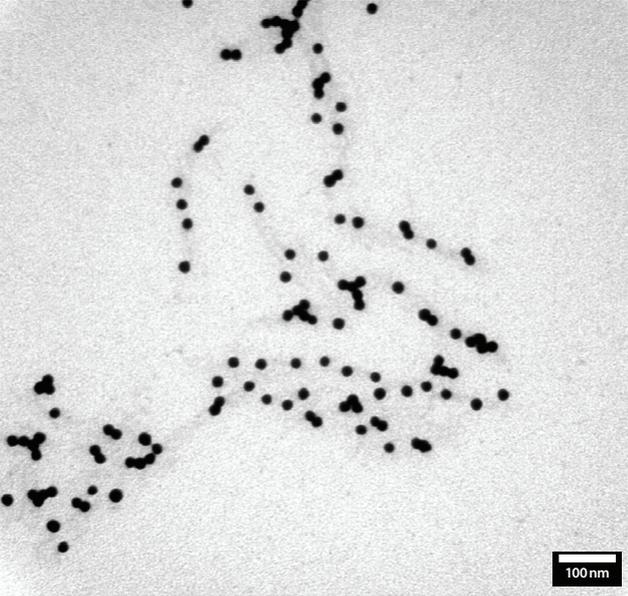
TEM: Fe Nanoparticles

Particles on carbon film



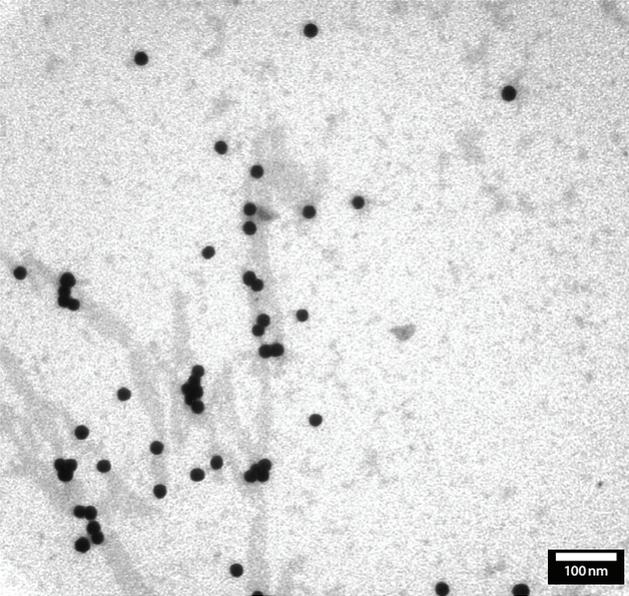
TEM: Fe Nanoparticles

Particles on carbon film



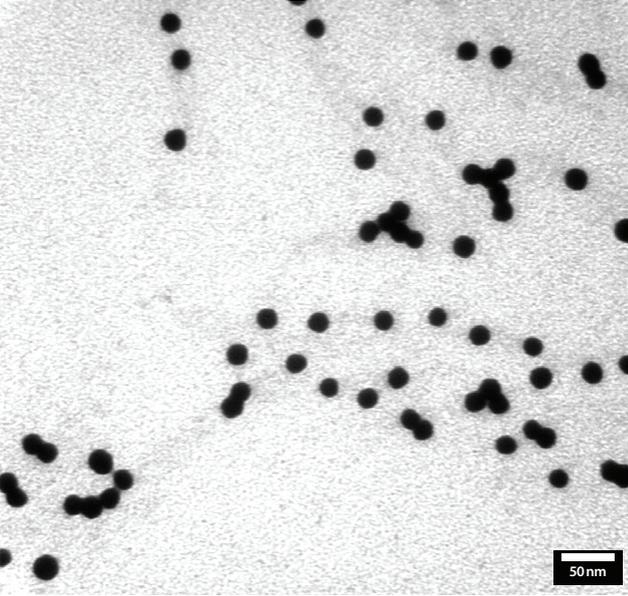
TEM: Au Nanoparticles

Particles on carbon film
Gold particles



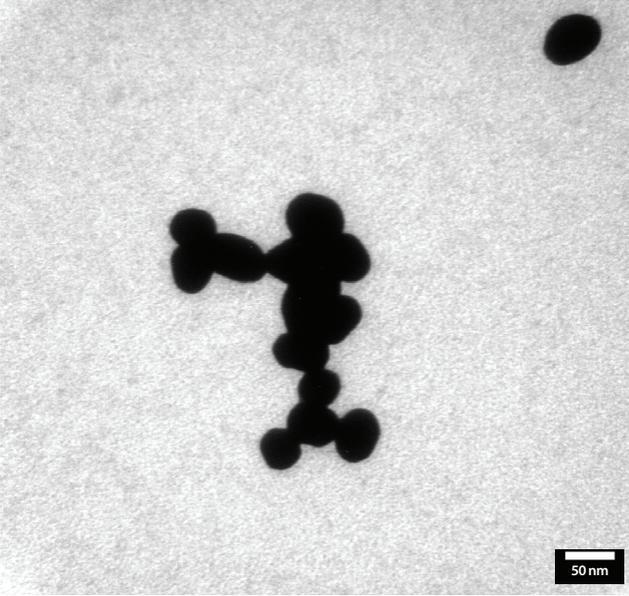
TEM: Au Nanoparticles

Particles on carbon film
Gold particles



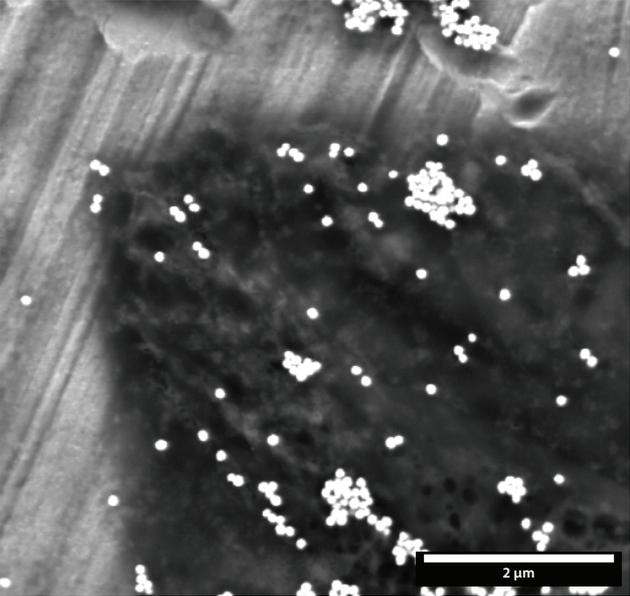
TEM: Au Nanoparticles

Particles on carbon film
Gold particles



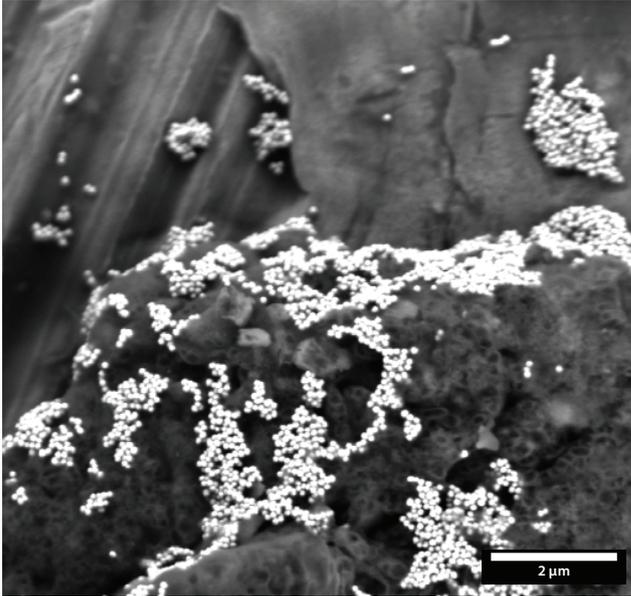
TEM: Au Nanoparticles

Particles on carbon film
Gold particles



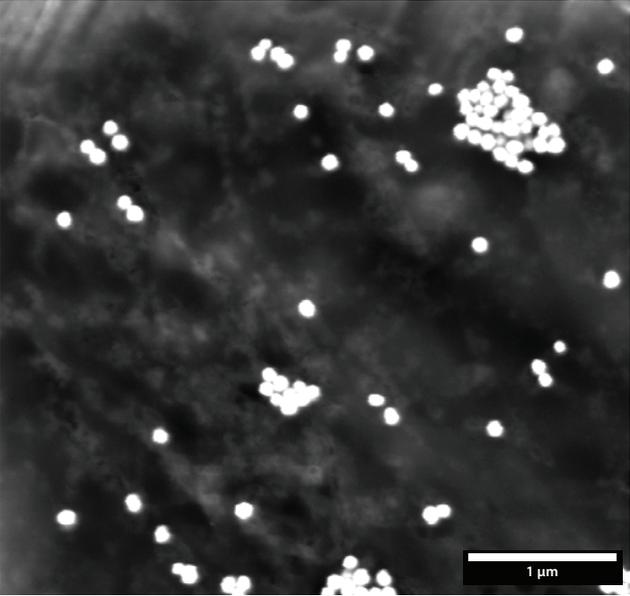
SEM: Au Nanoparticles

Particles on stub
BSE. 80 nm particles on organic material



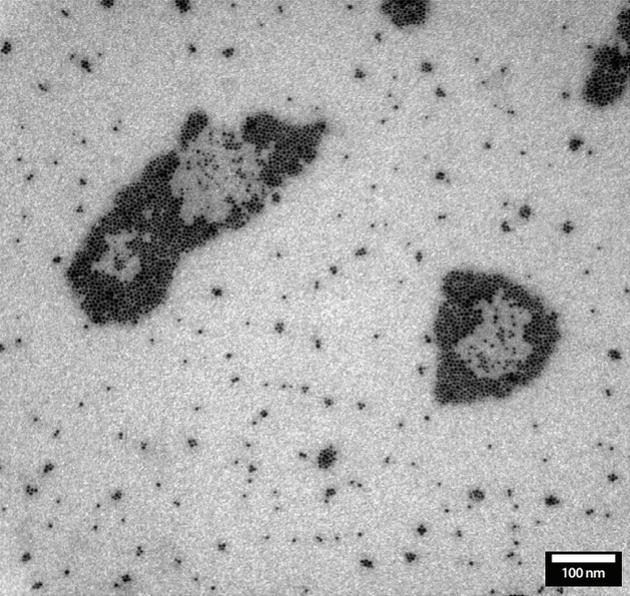
SEM: Au Nanoparticles

Particles on stub
BSE. 80 nm particles on organic material



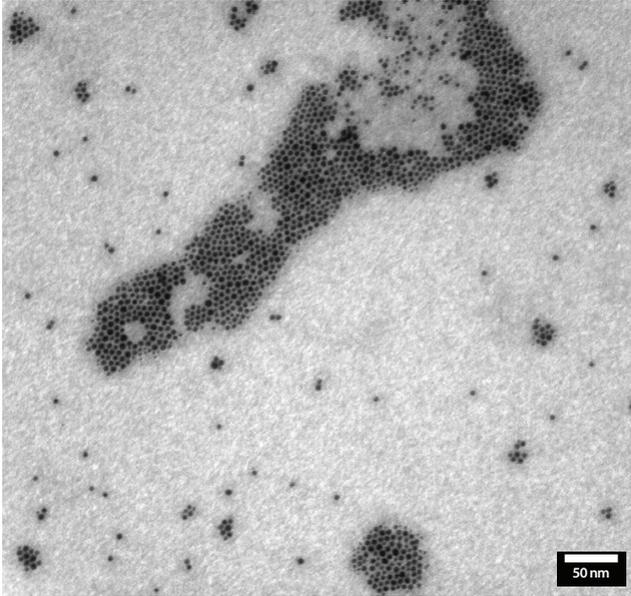
SEM: Au Nanoparticles

Particles on stub
BSE. 80 nm particles on organic material



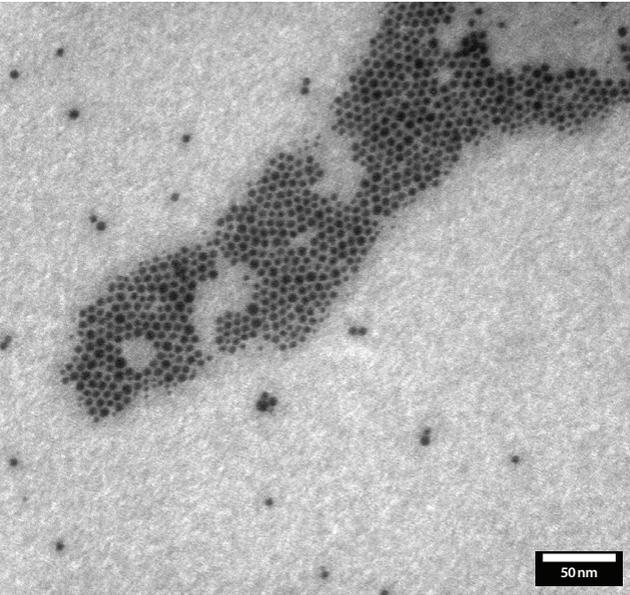
TEM: Au Nanoparticles

Particles on carbon film



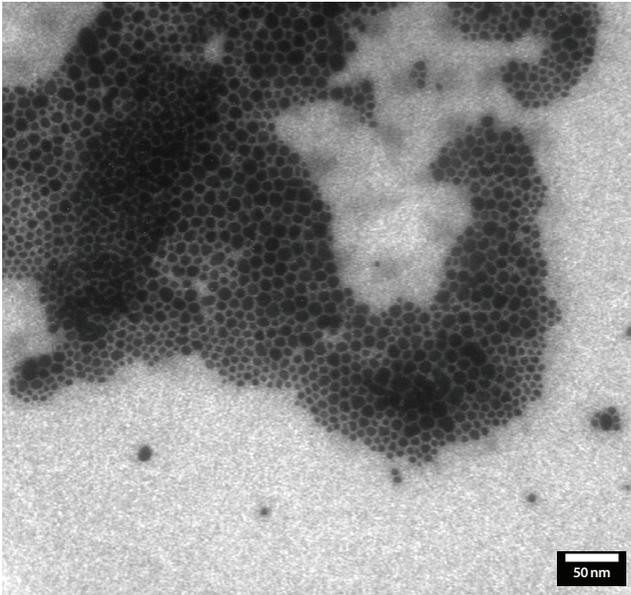
TEM: Au Nanoparticles

Particles on carbon film



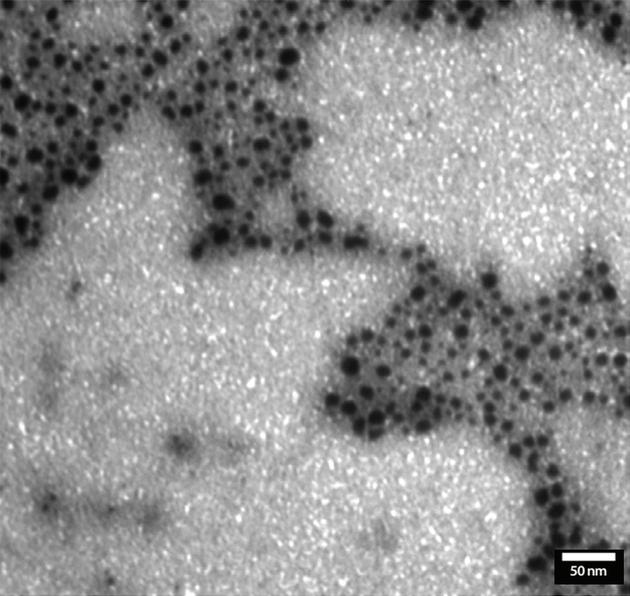
TEM: Au Nanoparticles

Particles on carbon film



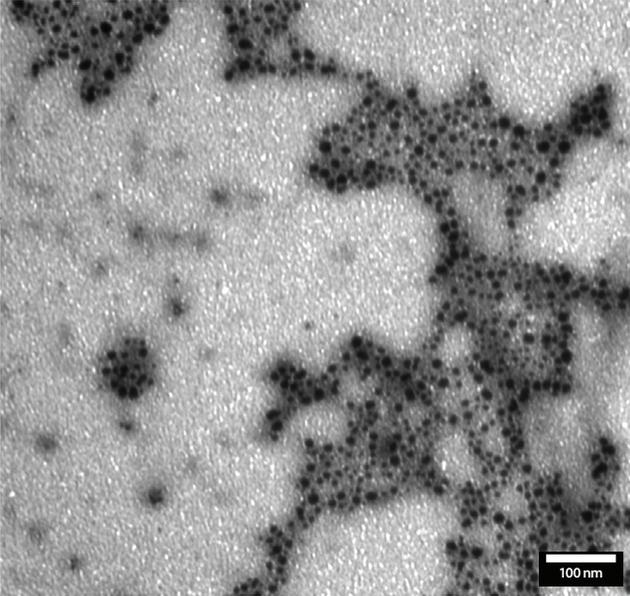
TEM: Au Nanoparticles

Particles on carbon film



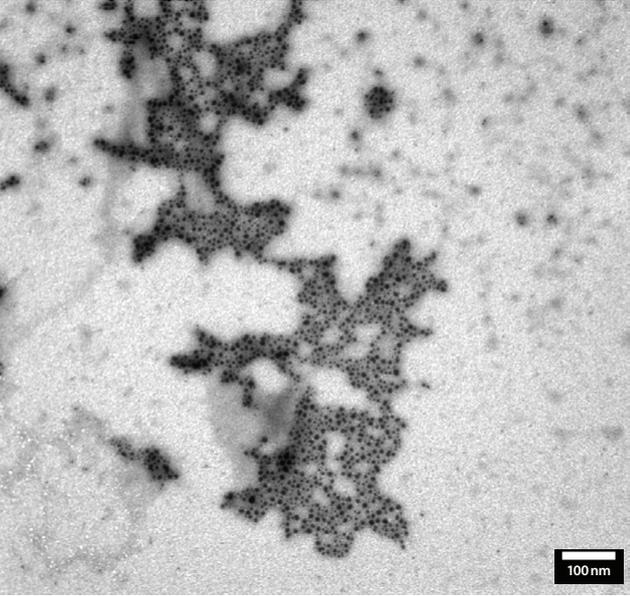
TEM: Ag Nanoparticles

Particles on carbon film



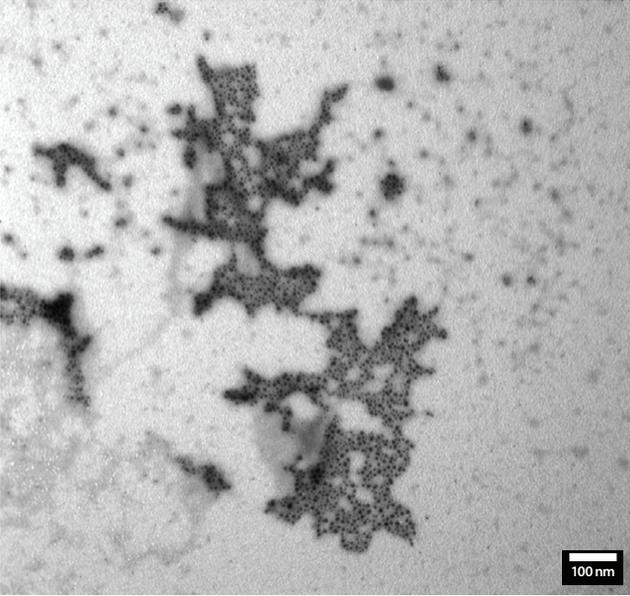
TEM: Ag Nanoparticles

Particles on carbon film



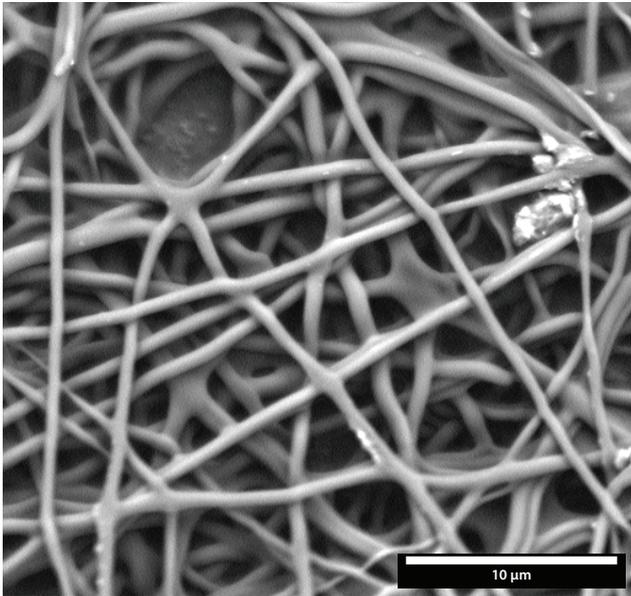
TEM: Ag Nanoparticles

Particles on carbon film



TEM: Ag Nanoparticles

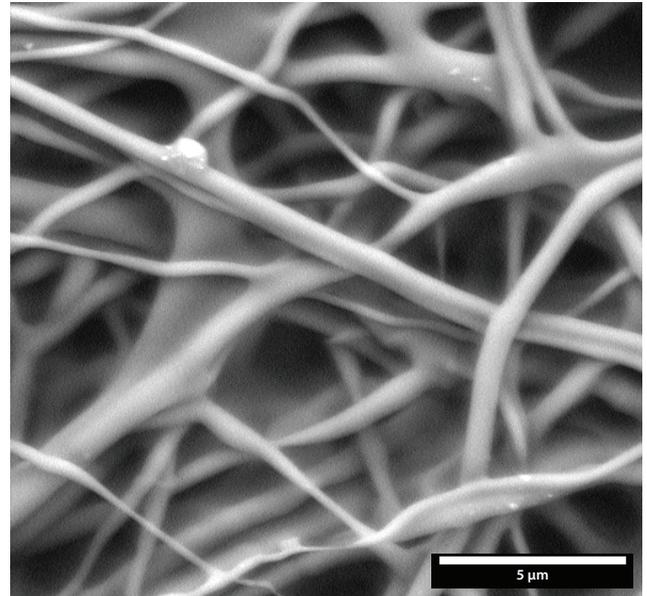
Particles on carbon film



SEM: Ag on Polysulfone

Sample on stub

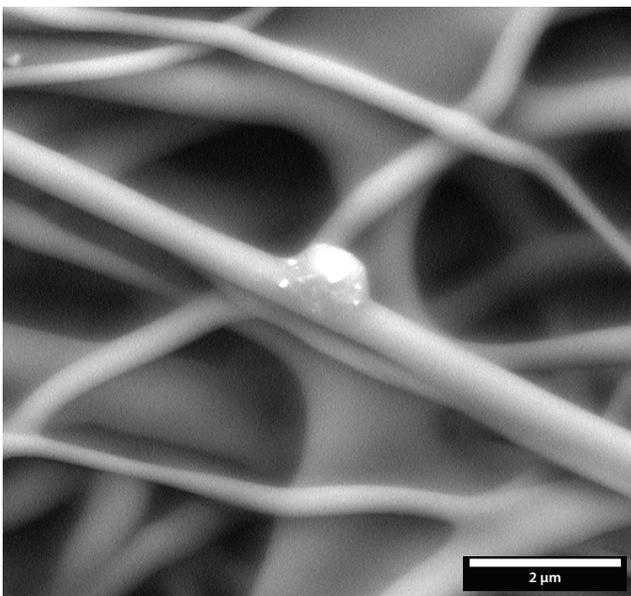
BSE. Nanoparticles on filter material



SEM: Ag on Polysulfone

Sample on stub

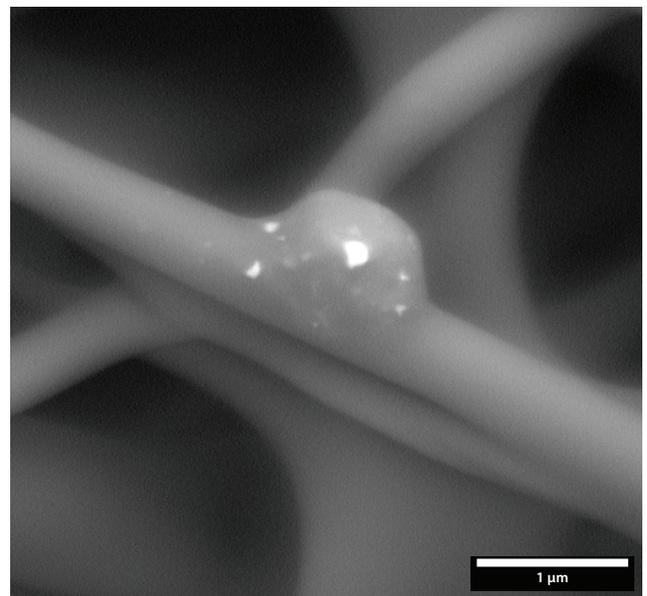
BSE. Nanoparticles on filter material



SEM: Ag on Polysulfone

Sample on stub

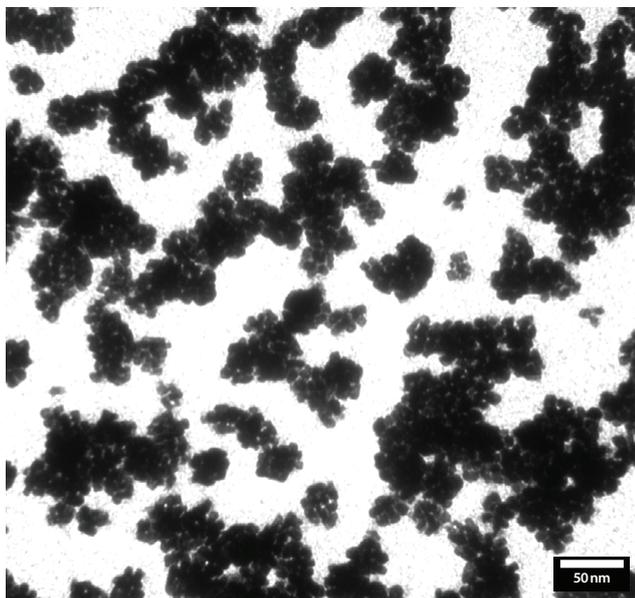
BSE. Nanoparticles on filter material



SEM: Ag on Polysulfone

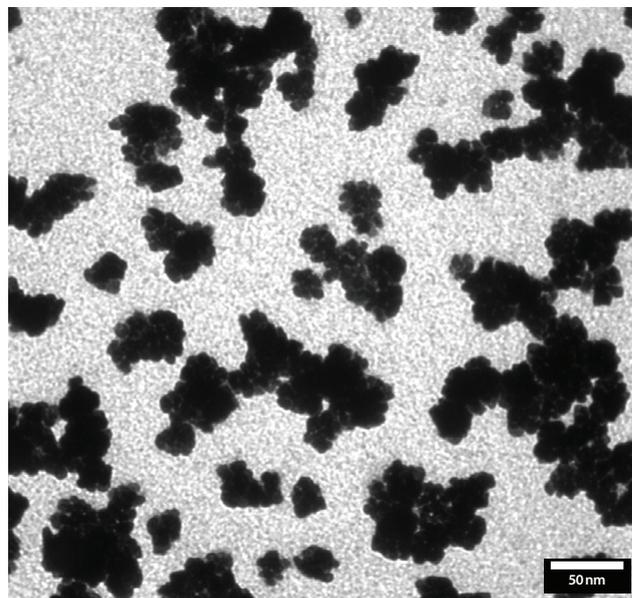
Sample on stub

BSE. Nanoparticles on filter material



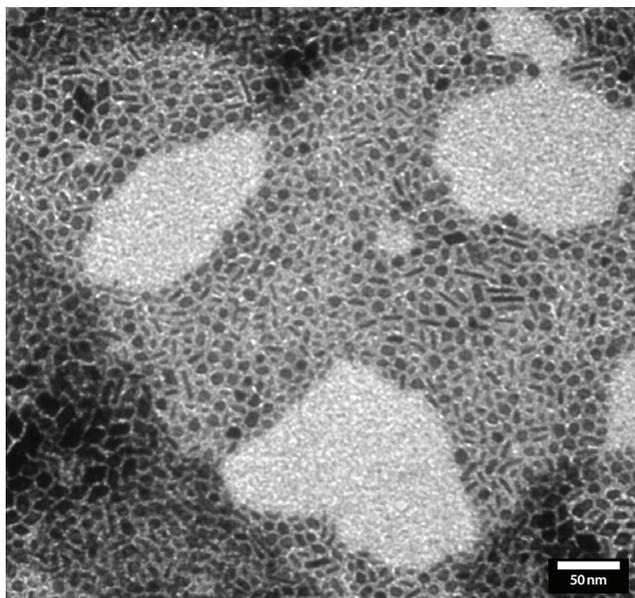
TEM: ZnO Nanoparticles

Particles on carbon film



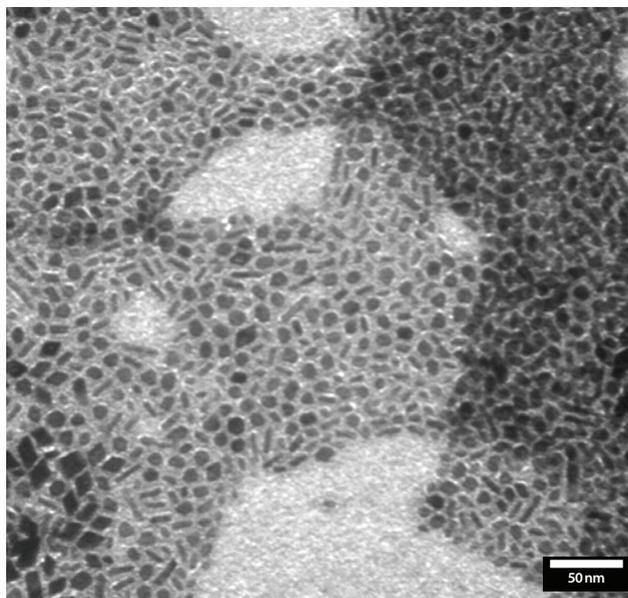
TEM: ZnO Nanoparticles

Particles on carbon film



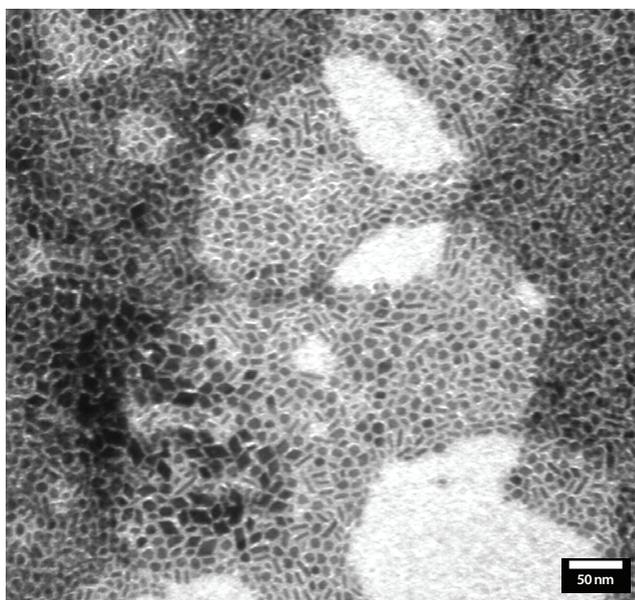
TEM: Yb Nanoparticles

Particles on carbon film



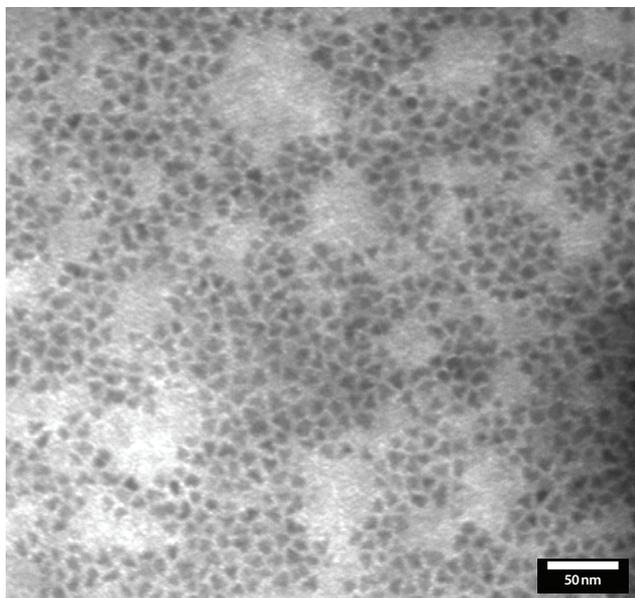
TEM: Yb Nanoparticles

Particles on carbon film



TEM: Yb Nanoparticles

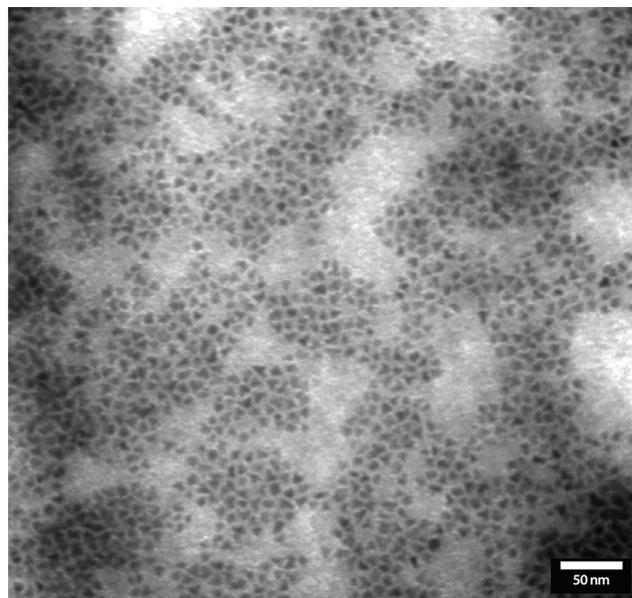
Particles on carbon film



TEM: CdSe Quantum Dots

Particles on carbon film

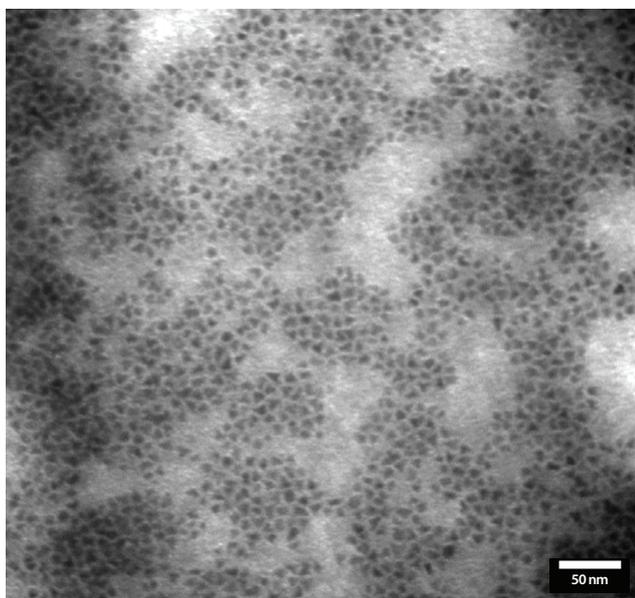
6 nm particles



TEM: CdSe Quantum Dots

Particles on carbon film

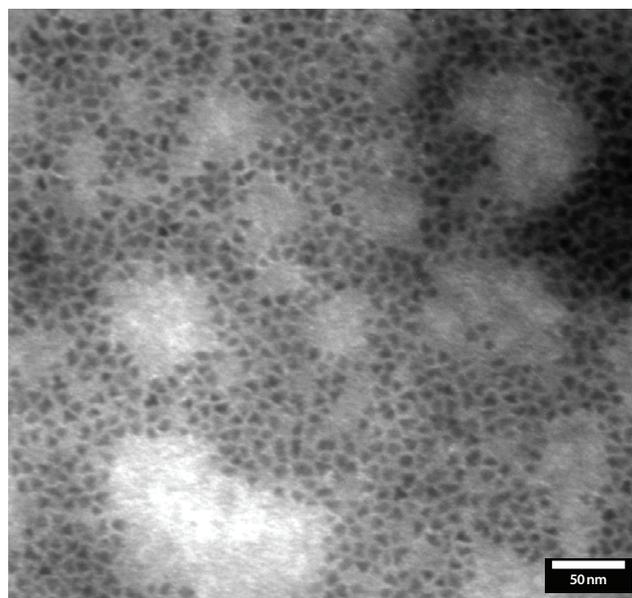
6 nm particles



TEM: CdSe Quantum Dots

Particles on carbon film

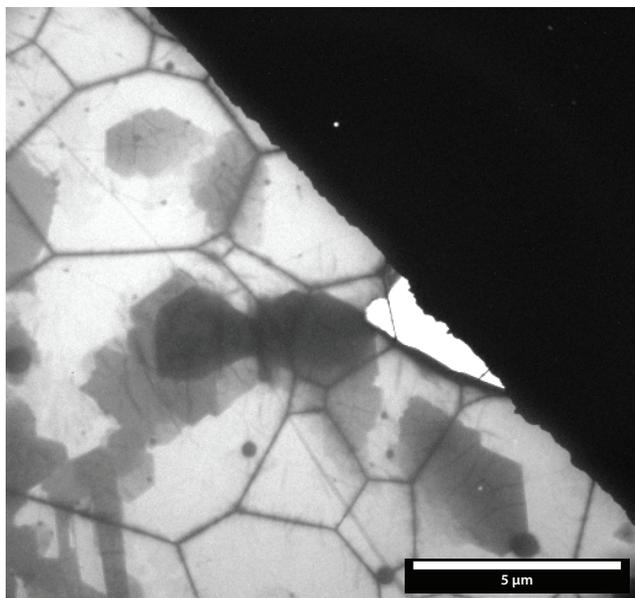
6 nm particles



TEM: CdSe Quantum Dots

Particles on carbon film

6 nm particles



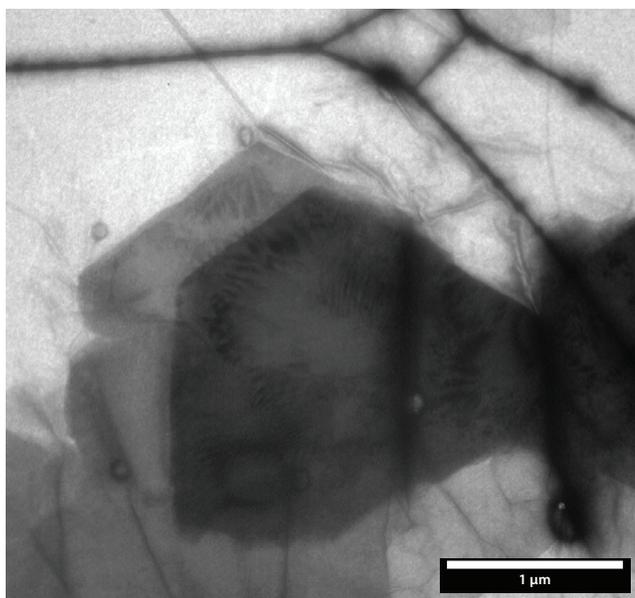
TEM: Graphene Flakes

Particles on lacey carbon



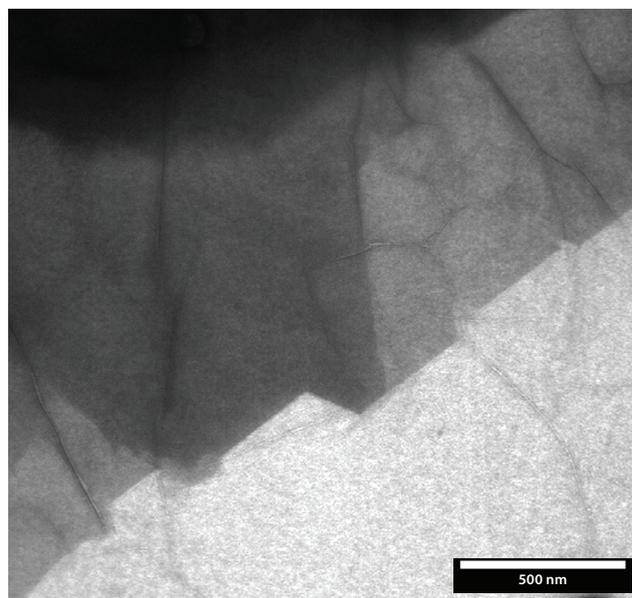
TEM: Graphene Flakes

Particles on lacey carbon



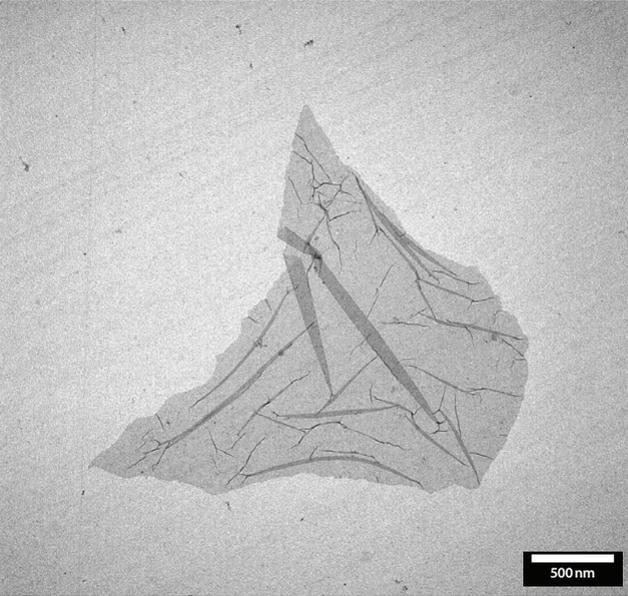
TEM: Graphene Flakes

Particles on lacey carbon



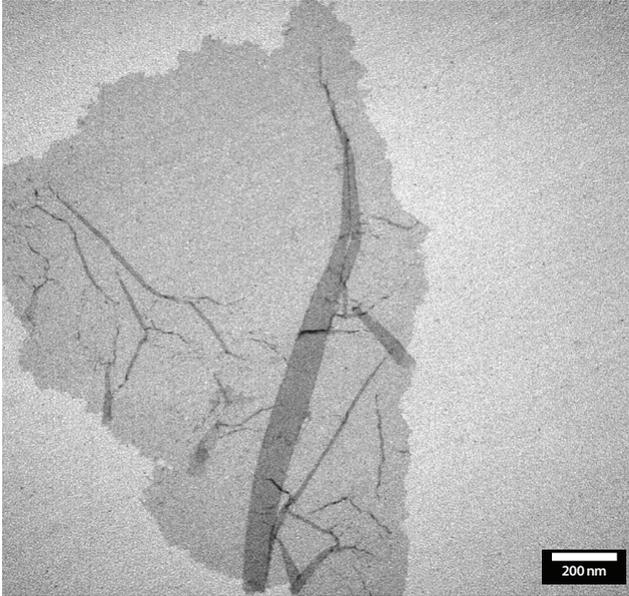
TEM: Graphene Flakes

Particles on lacey carbon



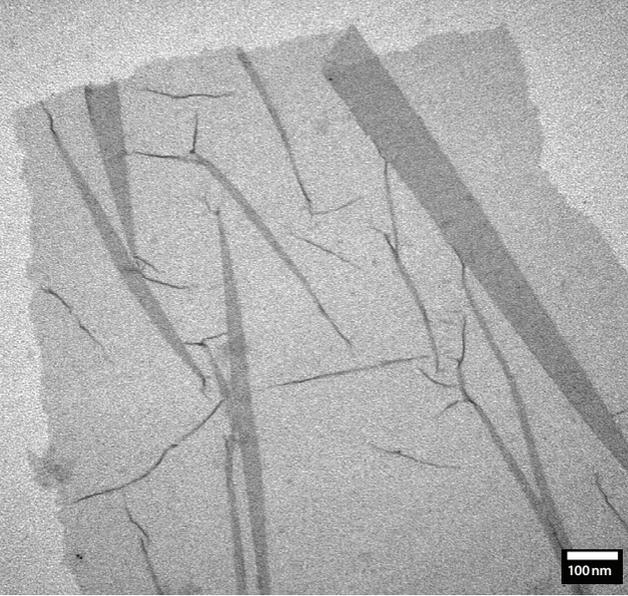
TEM: Graphene Oxide Crystal

Particles on carbon film



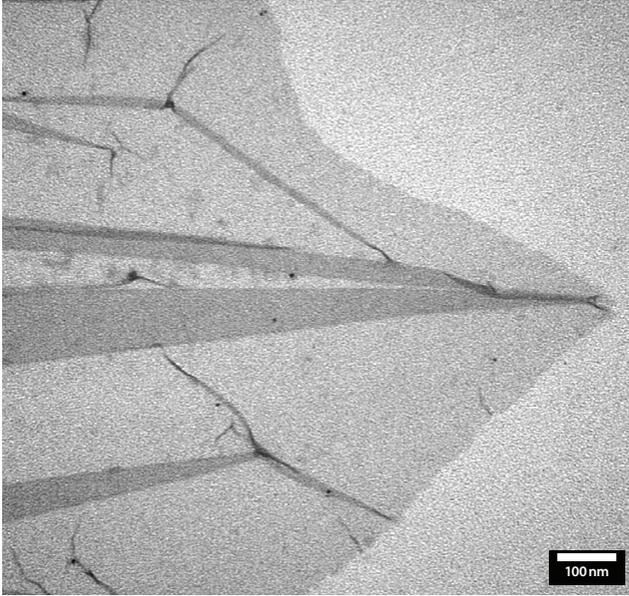
TEM: Graphene Oxide Crystal

Particles on carbon film



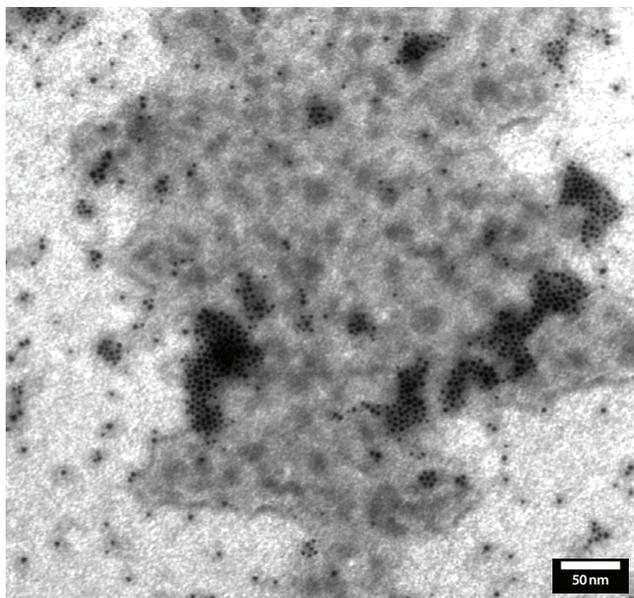
TEM: Graphene Oxide Crystal

Particles on carbon film



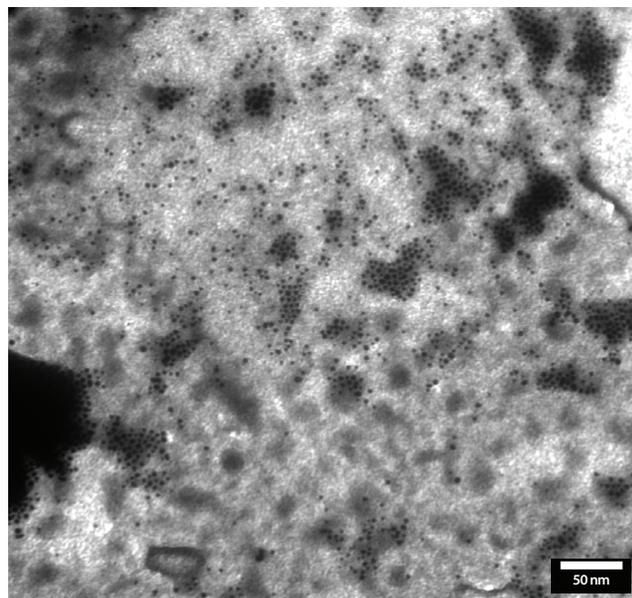
TEM: Graphene Oxide Crystal

Particles on carbon film



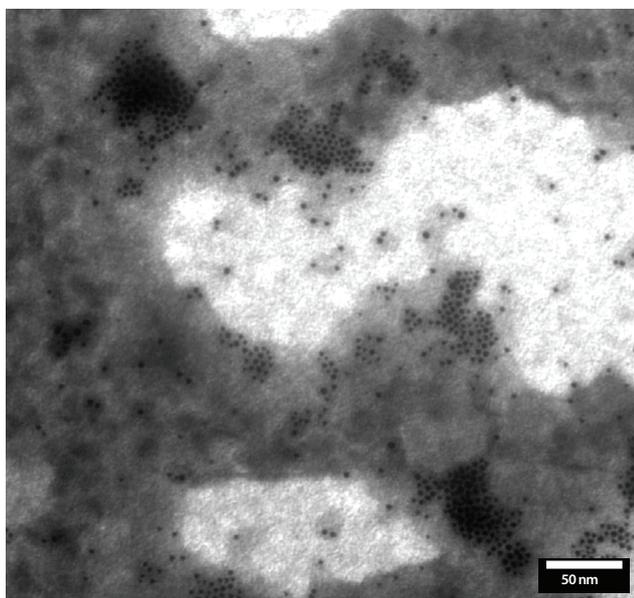
TEM: Protein-Bound Nanoparticles

Particles on carbon film



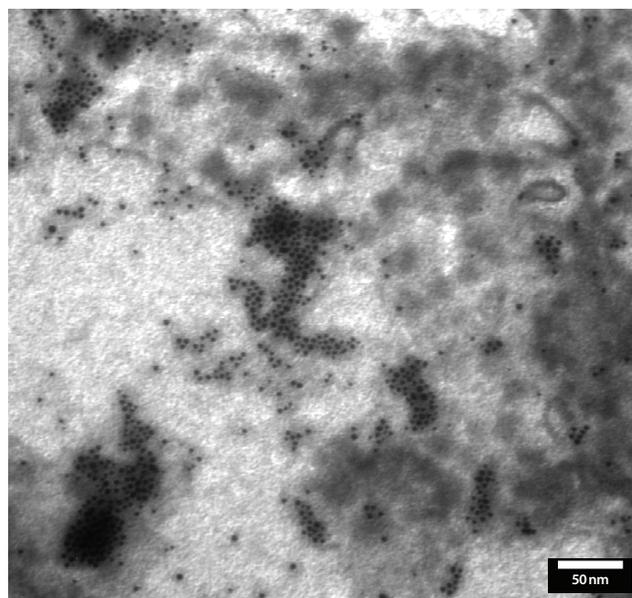
TEM: Protein-Bound Nanoparticles

Particles on carbon film



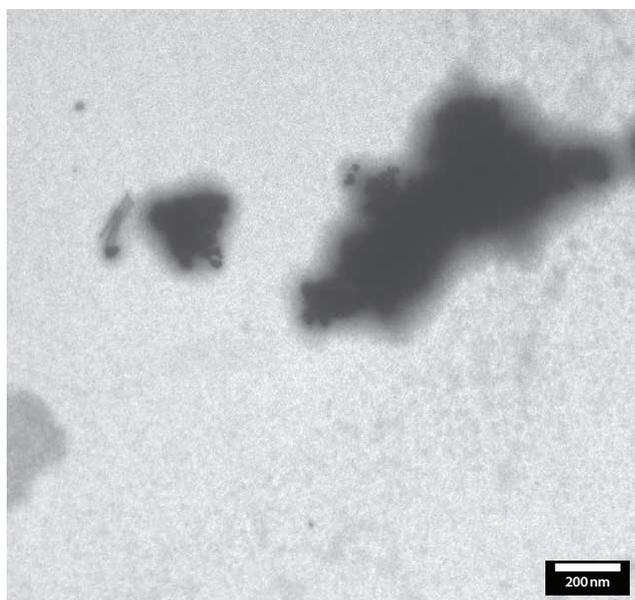
TEM: Protein-Bound Nanoparticles

Particles on carbon film



TEM: Protein-Bound Nanoparticles

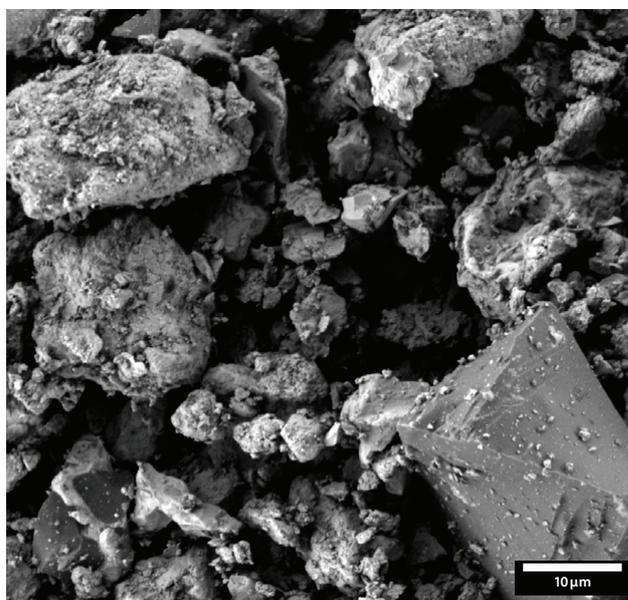
Particles on carbon film



TEM: ZnO in Yoghurt

Particles on carbon film

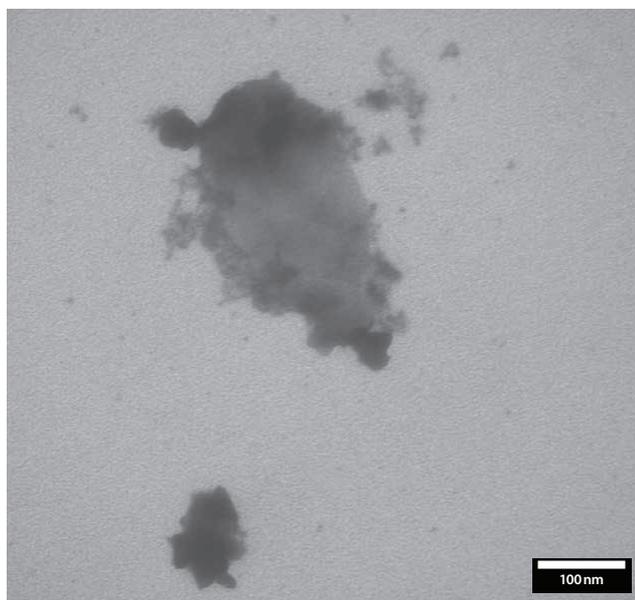
ZnO nanoparticles in yoghurt



SEM: TiMoAl

Particles on stub

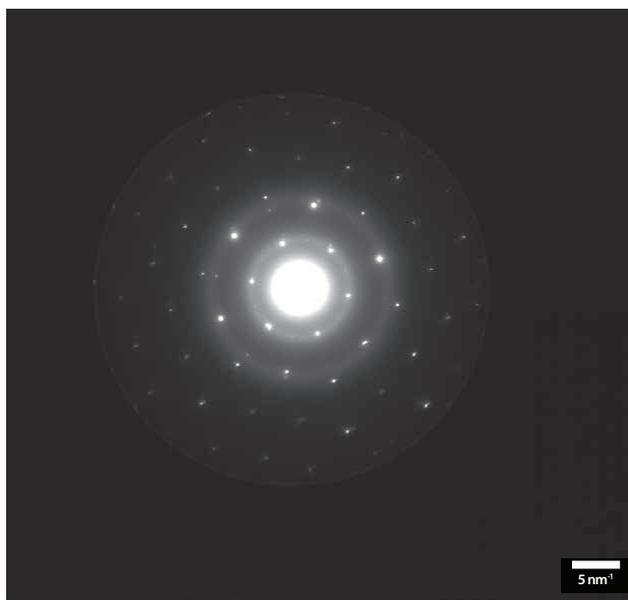
BSE. Uncoated



TEM: TiMoAl

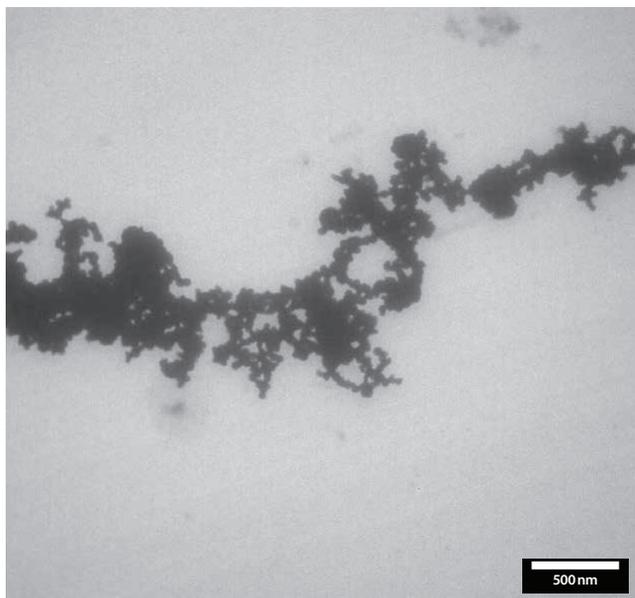
Particles on carbon film

diluted by IPA



ED: TiMoAl

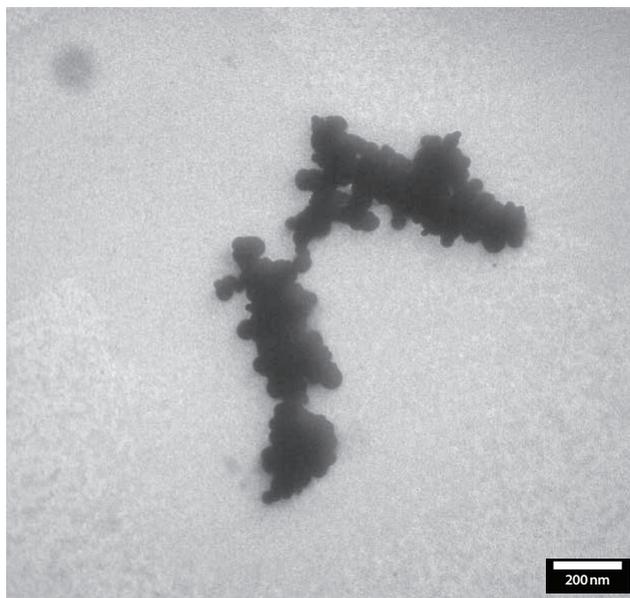
Electron diffraction



TEM: TiSiO₄ Nanoparticles

Particles on carbon film

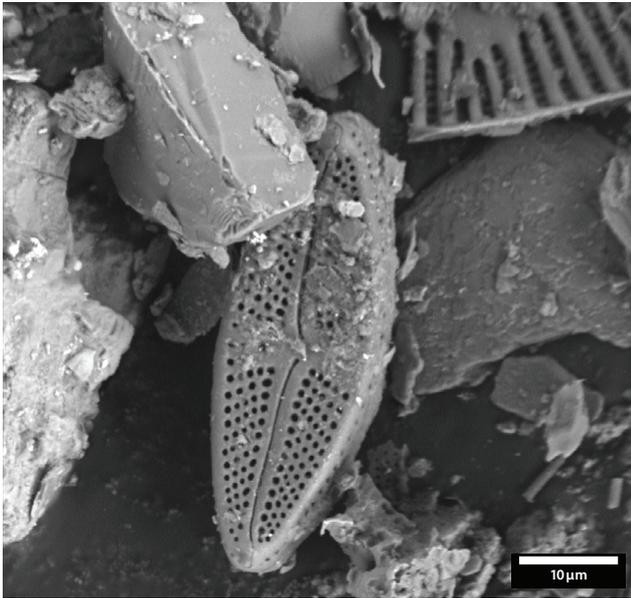
Nanoparticles in flour



TEM: TiSiO₄ Nanoparticles

Particles on stub

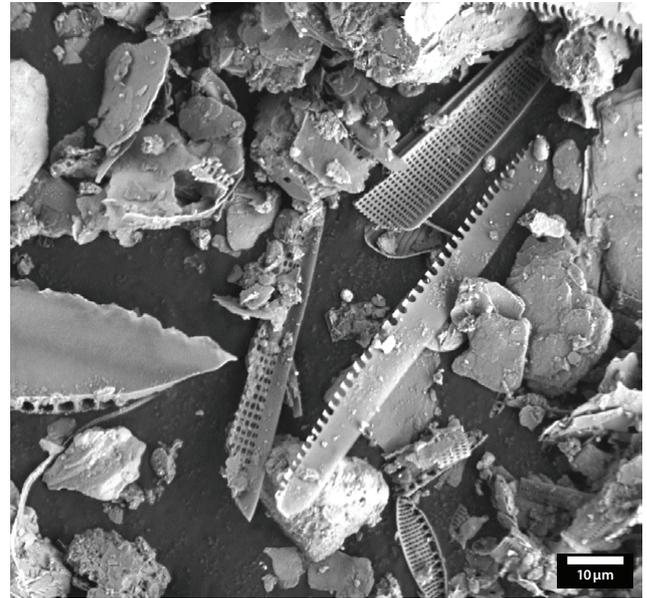
Nanoparticles in flour



SEM: Diatoms

Particles on stub

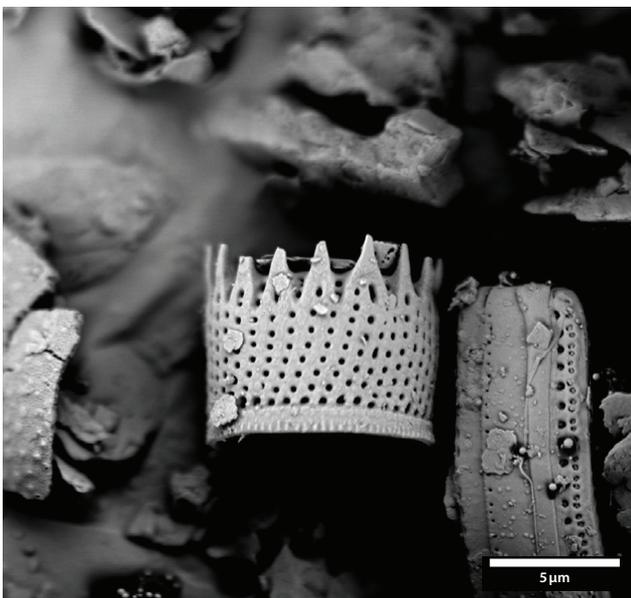
BSE. River sediment of diatoms and stones, uncoated



SEM: Diatoms

Particles on stub

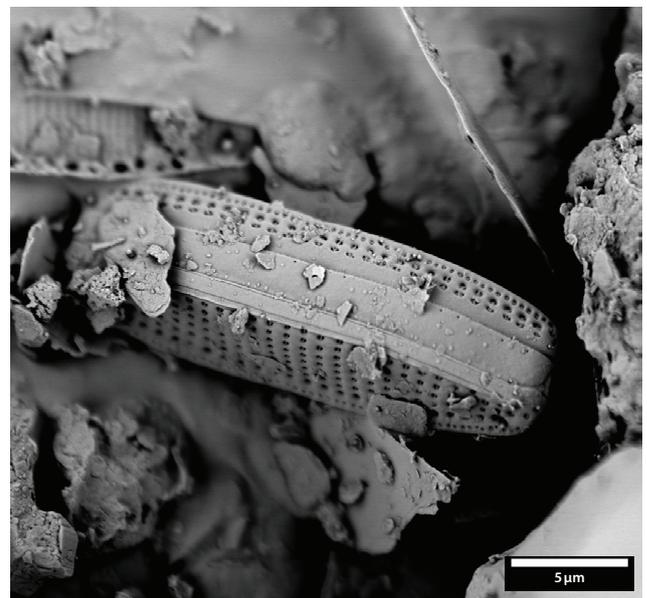
BSE. River sediment of diatoms and stones, uncoated



SEM: Diatoms

Particles on stub

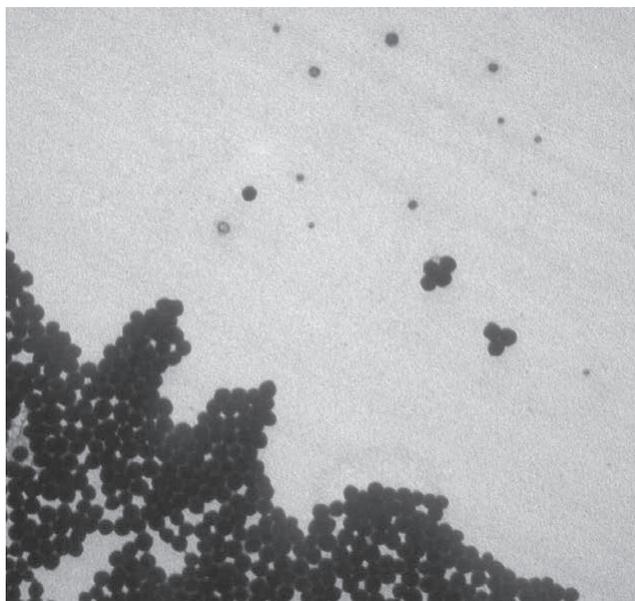
BSE. River sediment of diatoms and stones, gold coated



SEM: Diatoms

Particles on stub

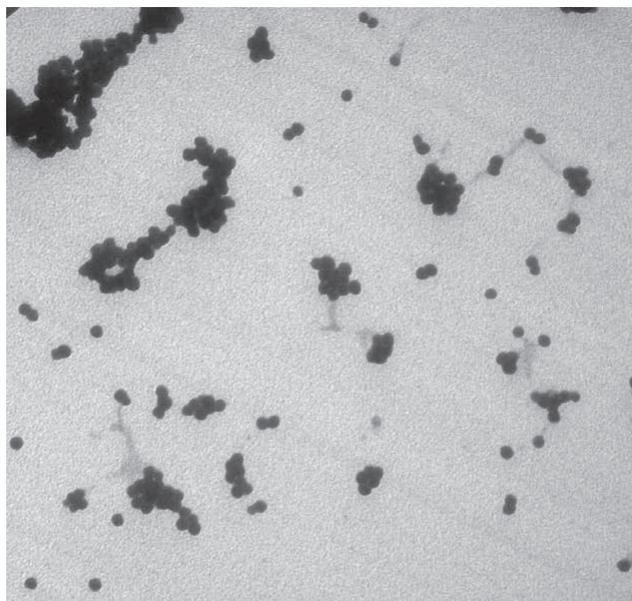
BSE. River sediment of diatoms and stones, gold coated



TEM: Silica

Particles on carbon film

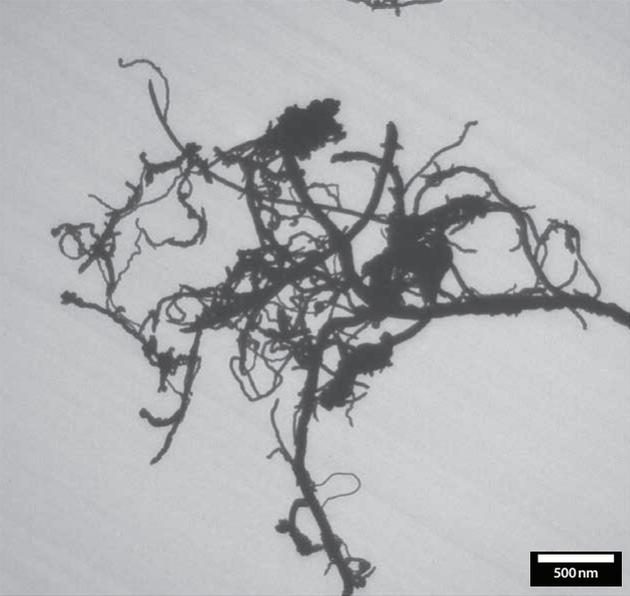
Spherical nanoparticles 22 nm



TEM: Silica

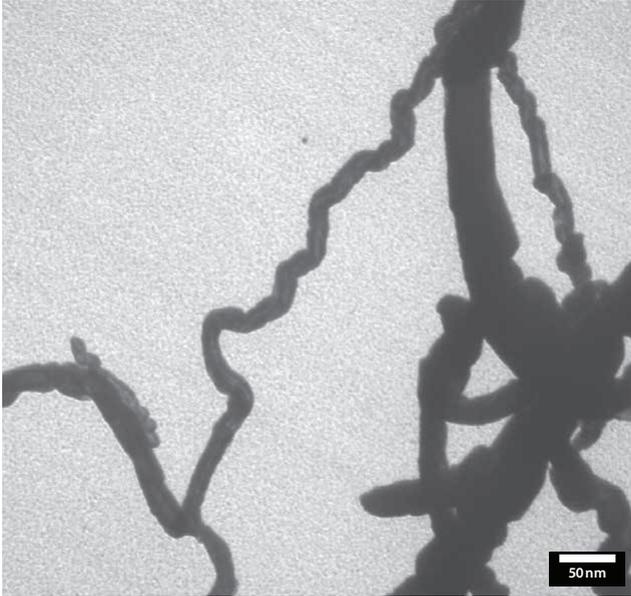
Particles on carbon film

Spherical nanoparticles 22 nm



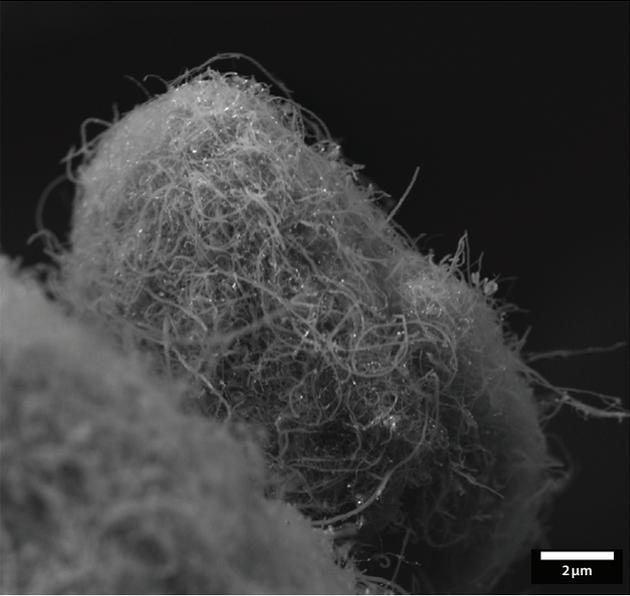
TEM: Carbon Nanotubes

Particles on carbon film
Uncoated



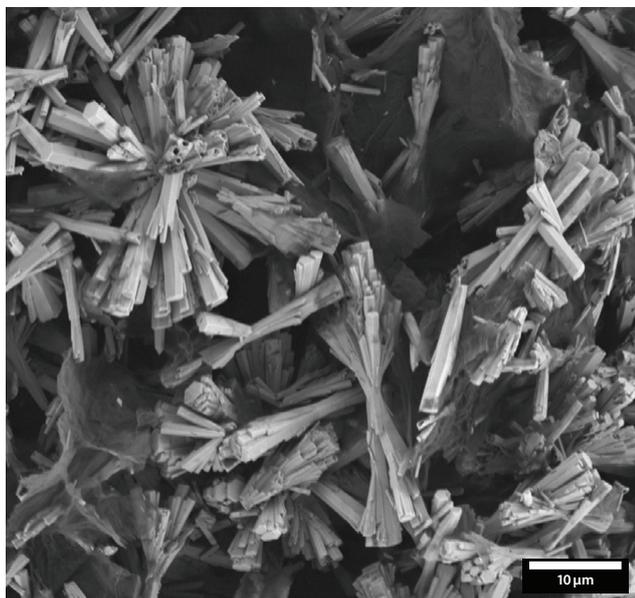
TEM: Carbon Nanotubes

Particles on carbon film
Uncoated



TEM: Carbon Nanotubes

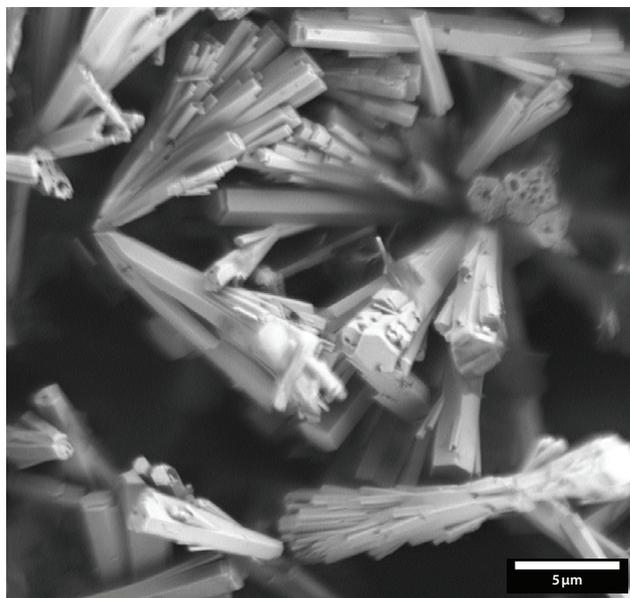
Sample on stub
Uncoated



SEM: ZnO Nanocomposite with Reduced Graphene Oxide

Particles on stub

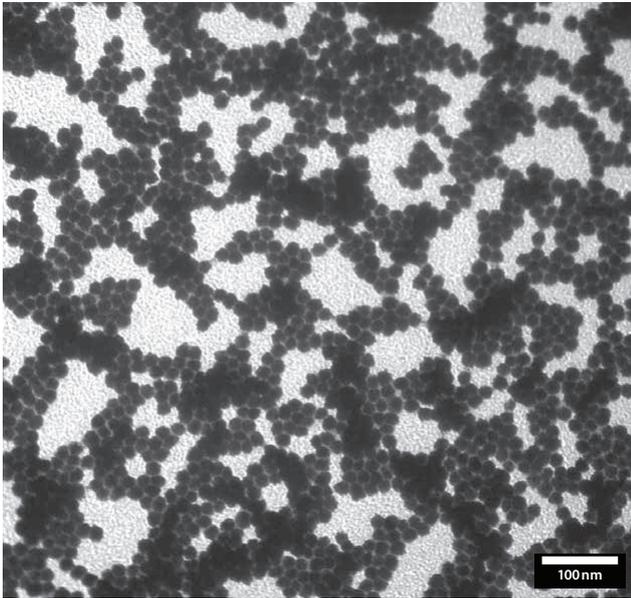
Point of interest: material morphology



SEM: ZnO Nanocomposite with Reduced Graphene Oxide

Particles on stub

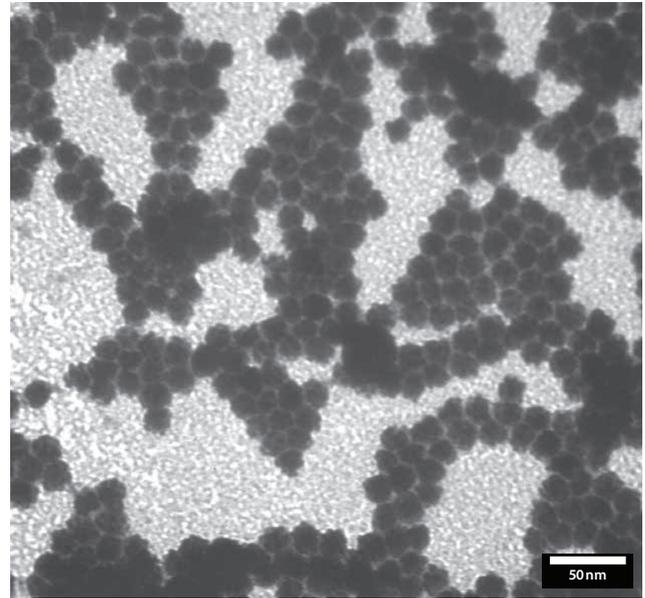
Point of interest: material morphology



TEM: CdSe/ZnS Quantum Dots

Particles on carbon film

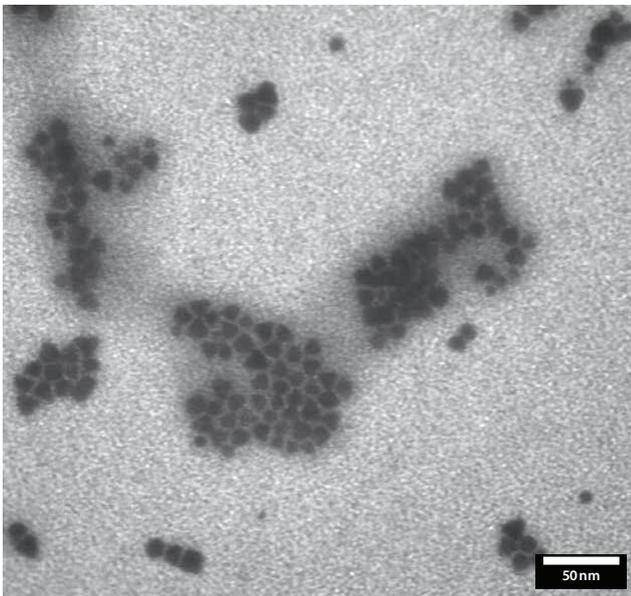
Core covered by a gradient ZnS shell



TEM: CdSe/ZnS Quantum Dots

Particles on carbon film

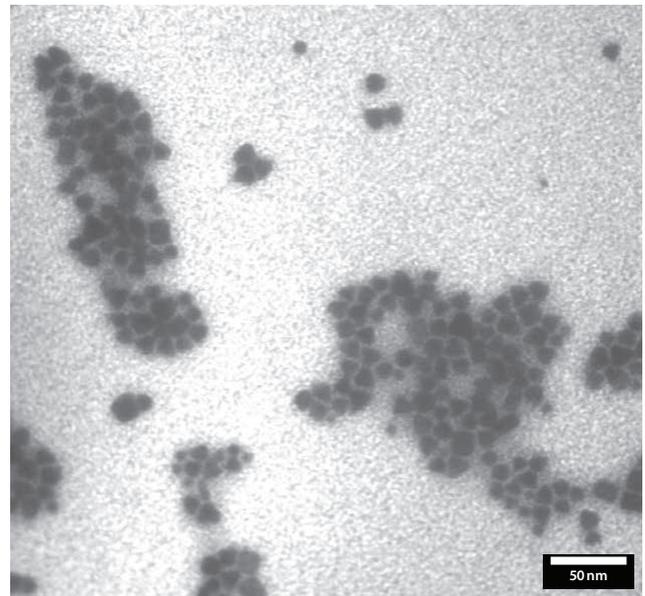
Core covered by a gradient ZnS shell



TEM: CdSe/CdS Quantum Dots

Particles on carbon film

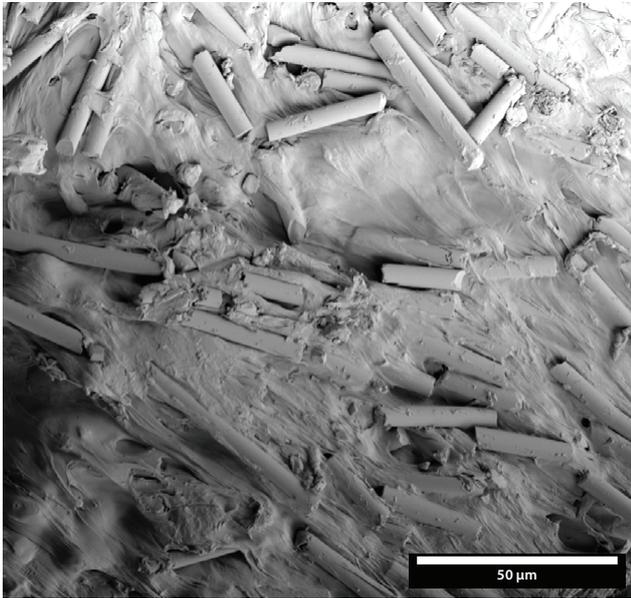
CdSe core with CdS shell covered with oleic acid ligands attached to the surface



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

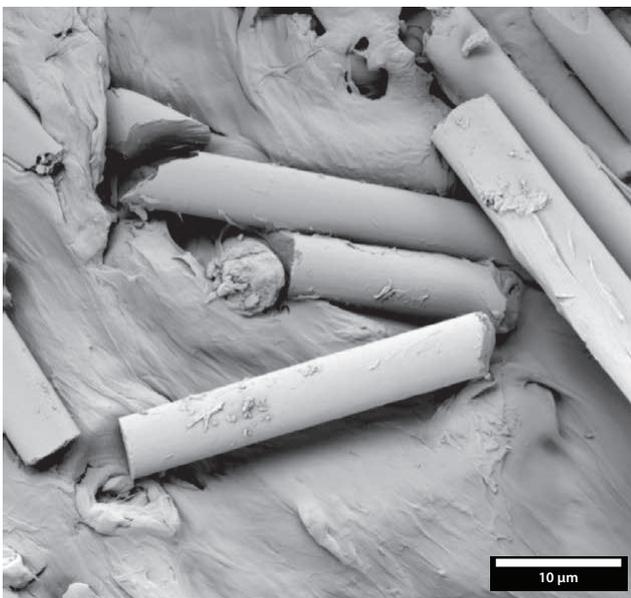
BSE. Gold coated carbon fiber composite material



SEM: Polymer with Carbon Fiber

Sample on stub

BSE. Gold coated carbon fiber composite material



SEM: Polymer with Carbon Fiber

Sample on stub

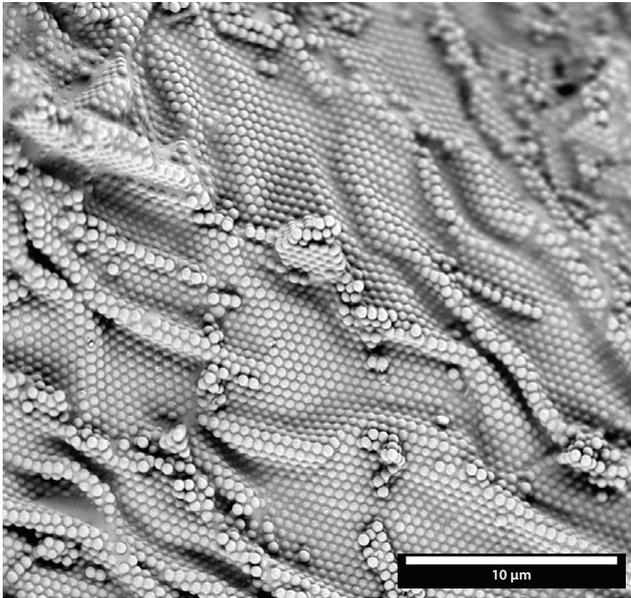
BSE. Gold coated carbon fiber composite material



SEM: Polymer with Carbon Fiber

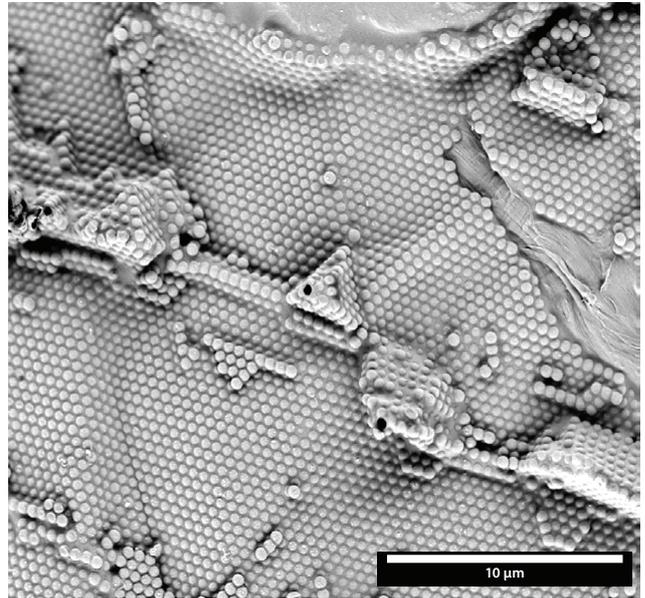
Sample on stub

BSE. Gold coated carbon fiber composite material



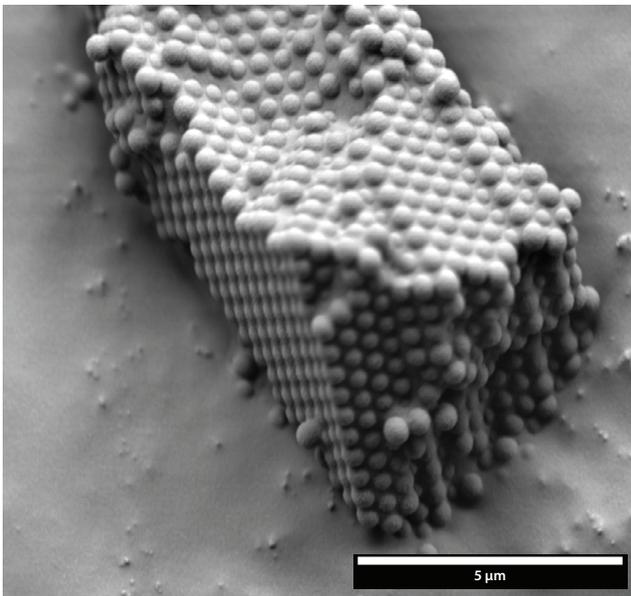
SEM: Opal Structure

Sample on stub
BSE. Gold coated



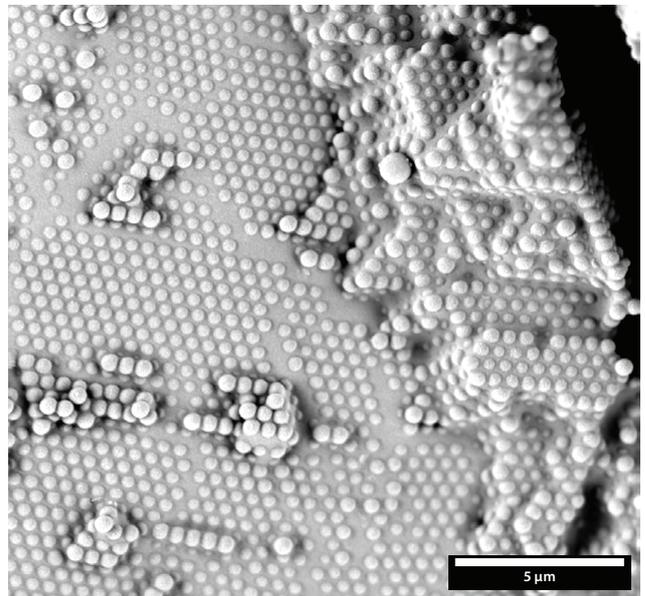
SEM: Opal Structure

Sample on stub
BSE. Gold coated



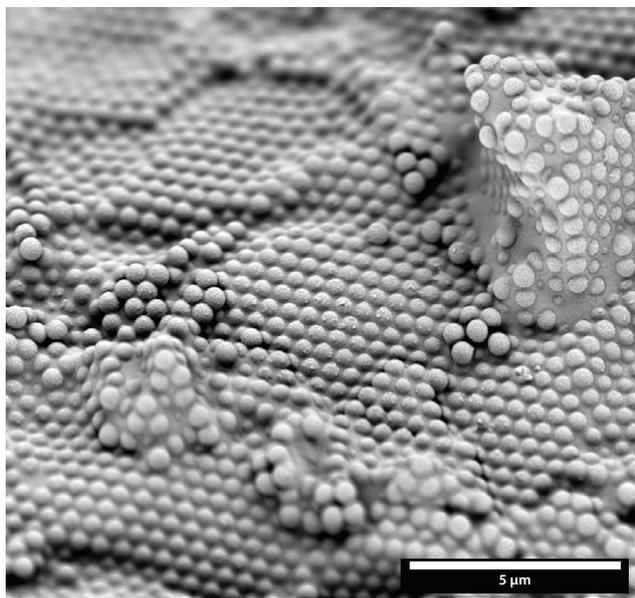
SEM: Opal Structure

Sample on stub
BSE. Gold coated



SEM: Opal Structure

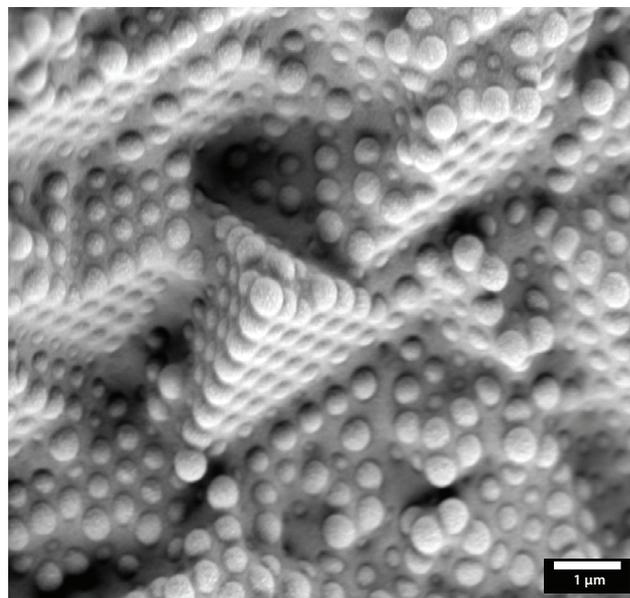
Sample on stub
BSE. Gold coated



SEM: Opal Structure

Sample on stub

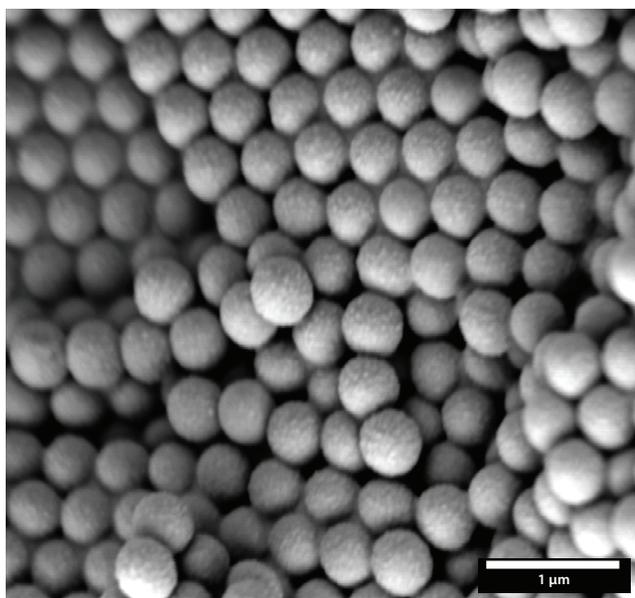
BSE. Gold coated



SEM: Opal Structure

Sample on stub

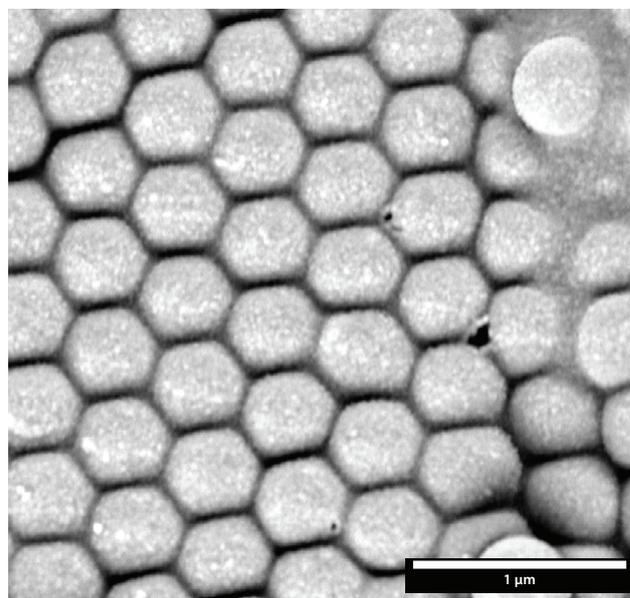
BSE. Gold coated



SEM: Opal Structure

Sample on stub

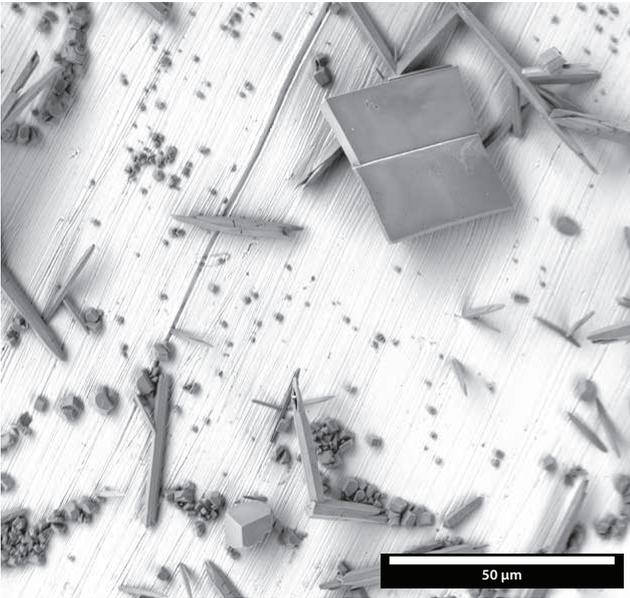
BSE. Gold coated



SEM: Opal Structure

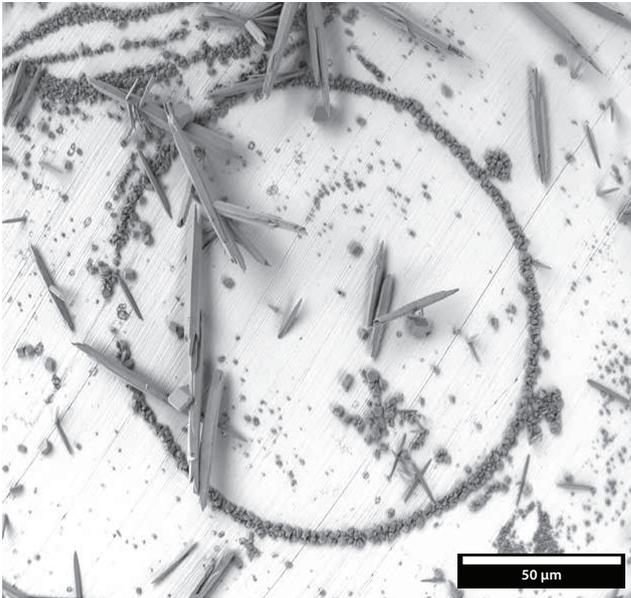
Sample on stub

BSE. Gold coated



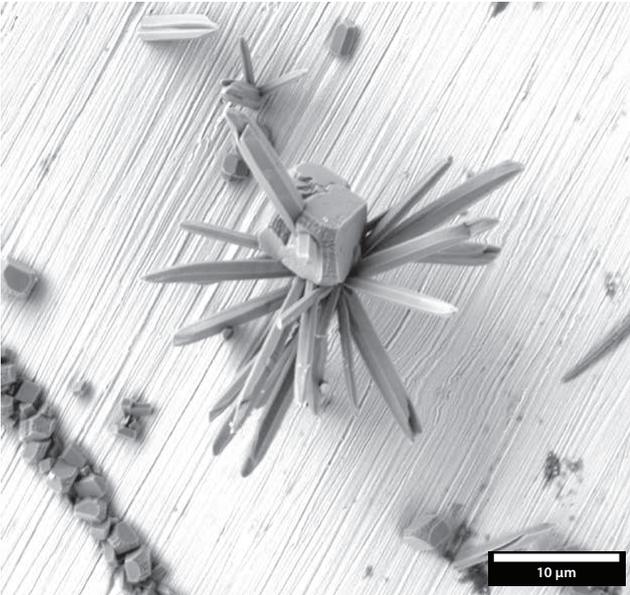
SEM: Limescale

Particles on stub
BSE. Uncoated



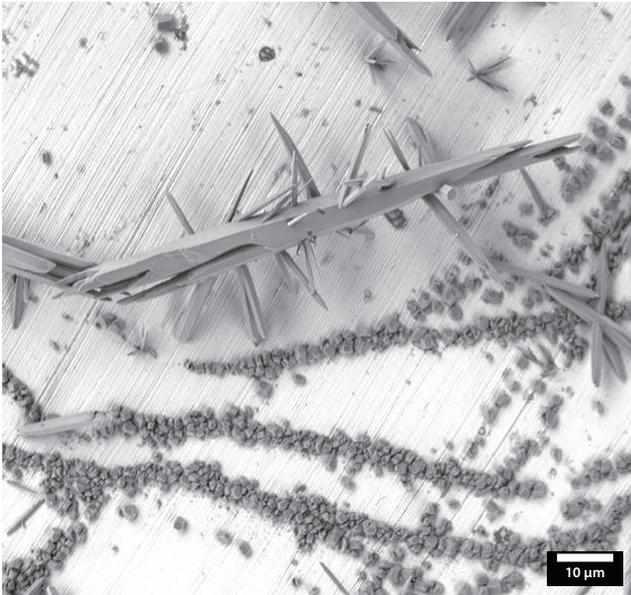
SEM: Limescale

Particles on stub
BSE. Uncoated



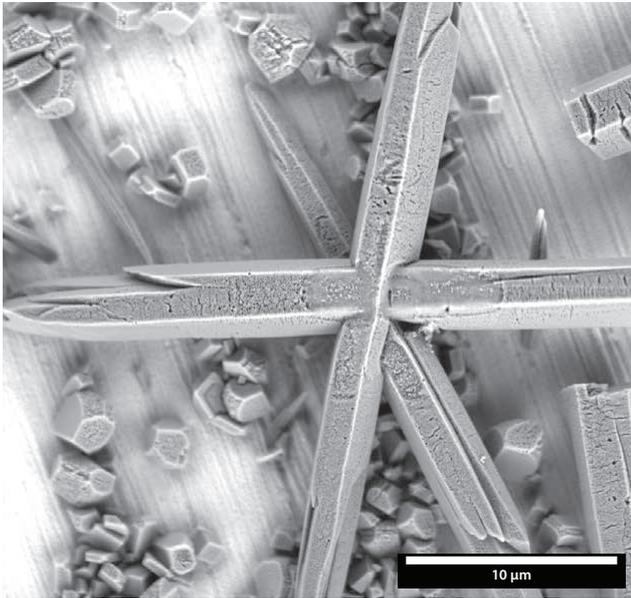
SEM: Limescale

Particles on stub
BSE. Uncoated



SEM: Limescale

Particles on stub
BSE. Uncoated



SEM: Limescale

Particles on stub

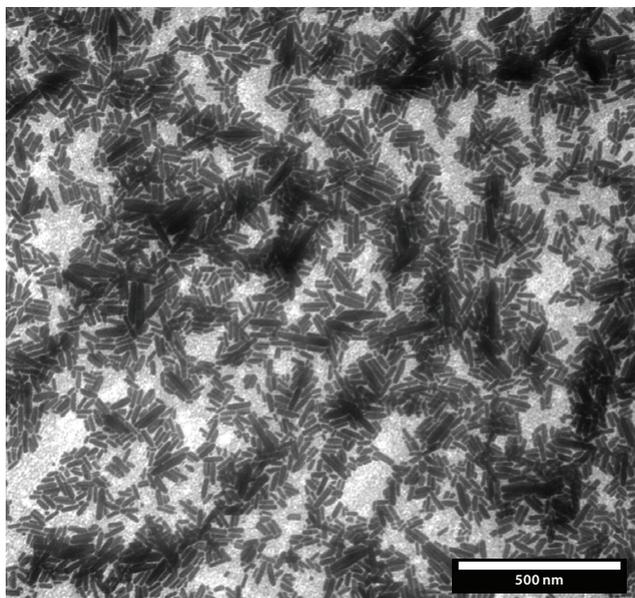
BSE. Uncoated



SEM: Limescale

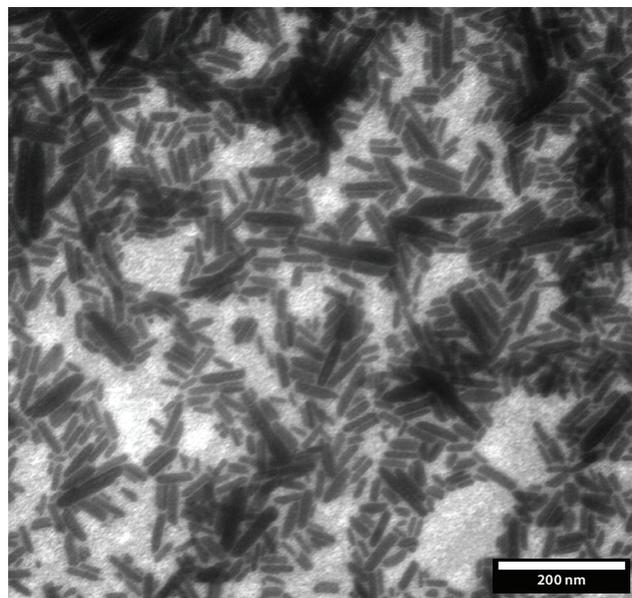
Particles on stub

BSE. Uncoated



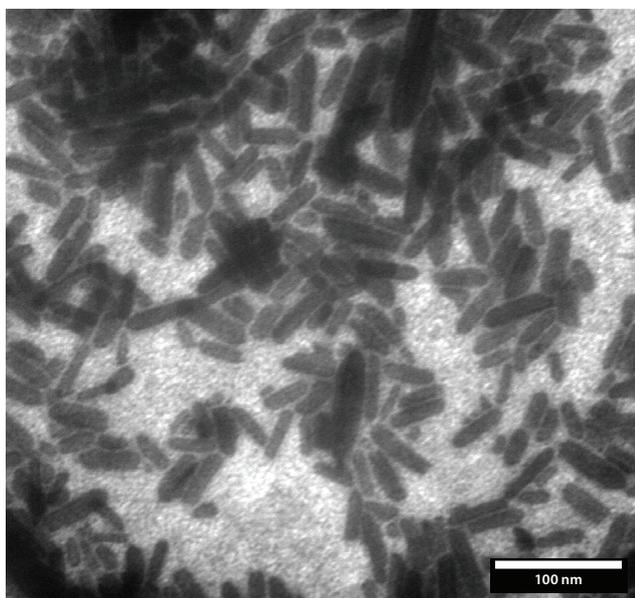
TEM: Mg Sulfonate

Particles on carbon film



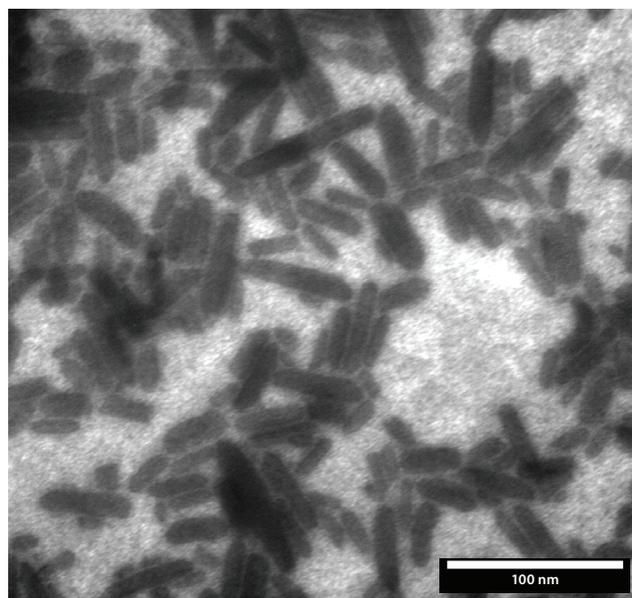
TEM: Mg Sulfonate

Particles on carbon film



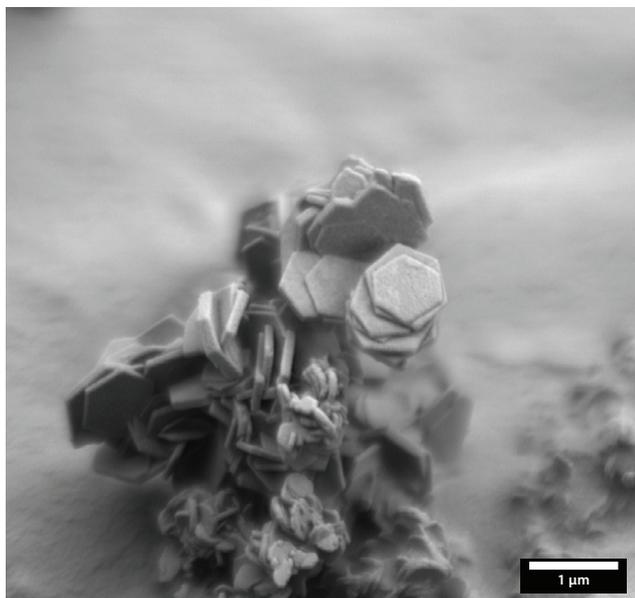
TEM: Mg Sulfonate

Particles on carbon film



TEM: Mg Sulfonate

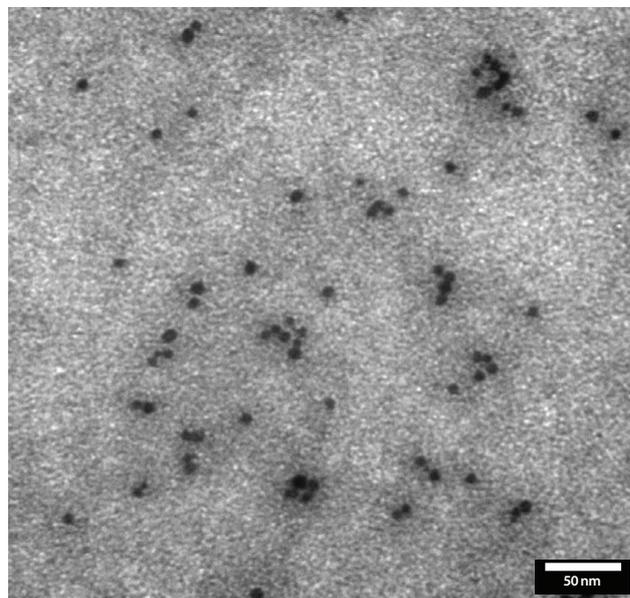
Particles on carbon film



SEM: MgOH₂ Hexagonal Particles

Particles on stub

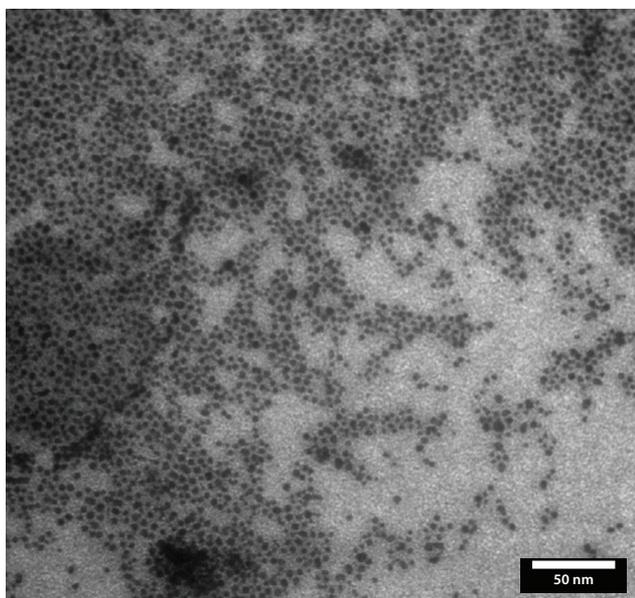
Point of interest: shape of fire retardant particles



TEM: CoFe₂O₄ Magnetic NPs

Particles on carbon film

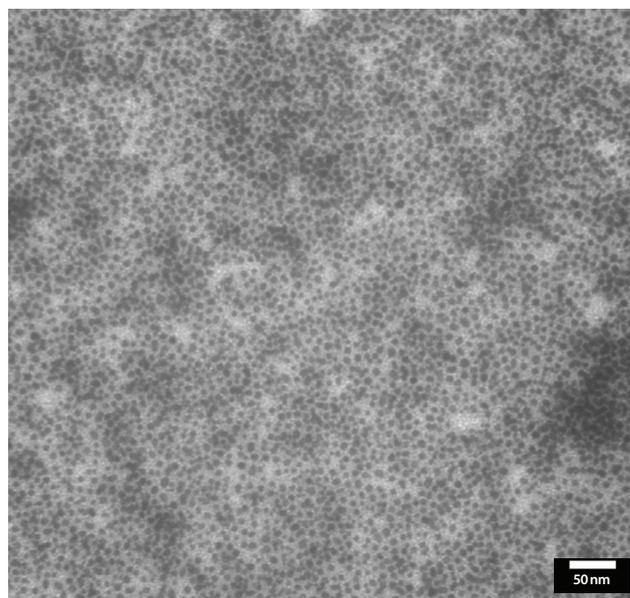
Point of interest: 14 nm star-shaped particles



TEM: CoFe₂O₄ Magnetic NPs

Particles on carbon film

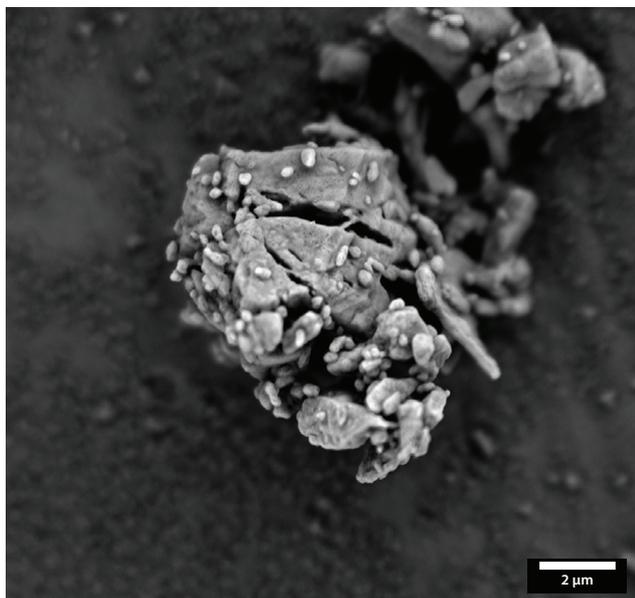
Point of interest: 3 nm spherical particles



TEM: CoFe₂O₄ Magnetic NPs

Particles on carbon film

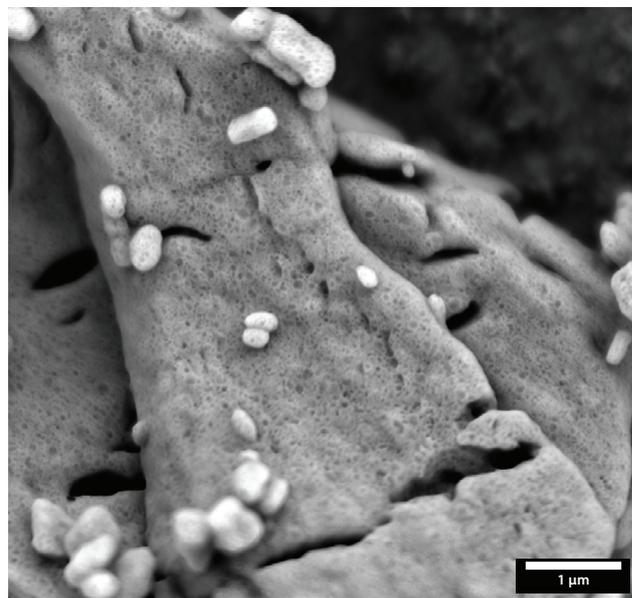
Point of interest: 3 nm spherical particles



SEM: Delaminated Gadolinium Oxalate

Particles on stub

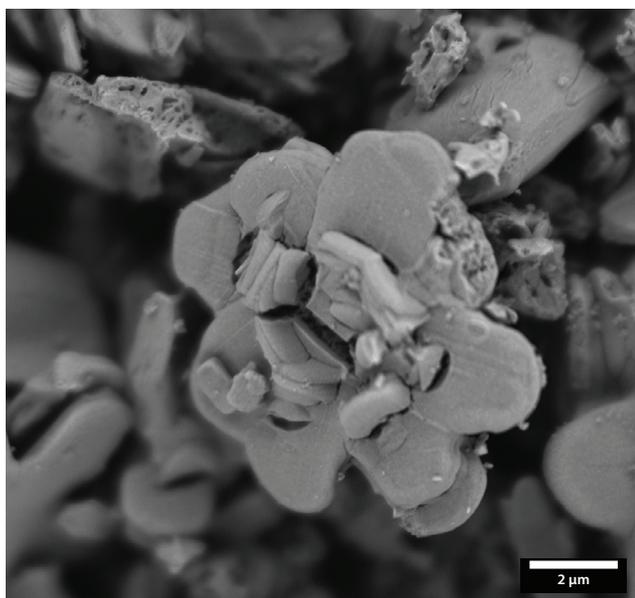
Point of interest: particles size and structure



SEM: Delaminated Gadolinium Oxalate

Particles on stub

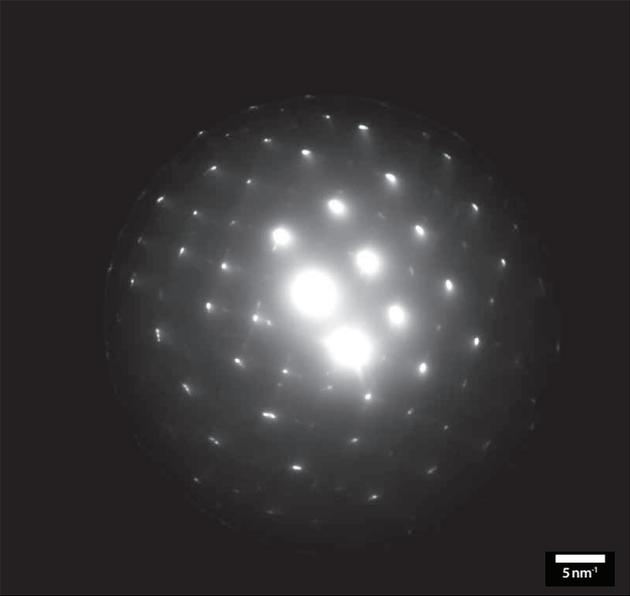
Point of interest: particles size and structure



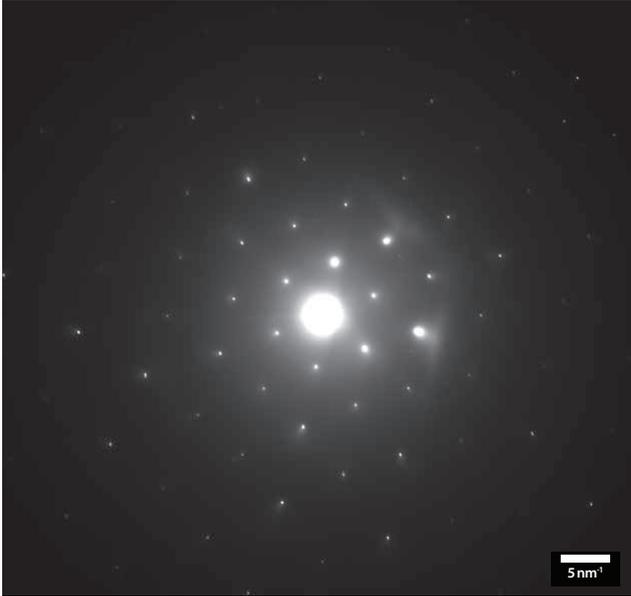
SEM: CeO₂

Particles on carbon film

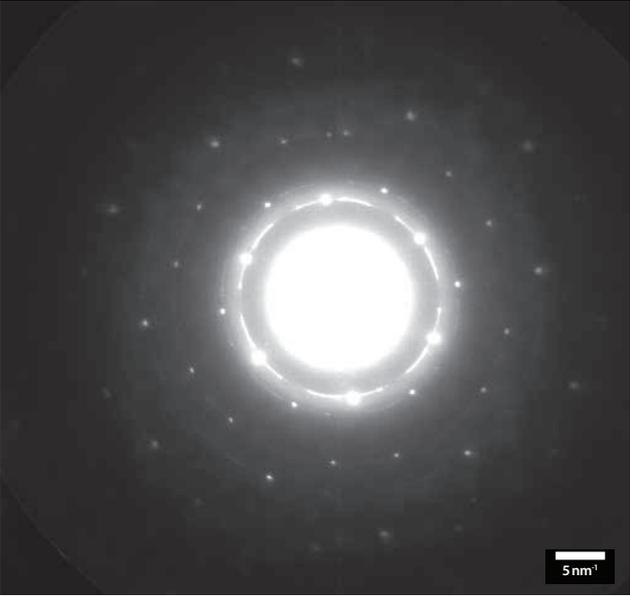
Point of interest: porous material with small grains



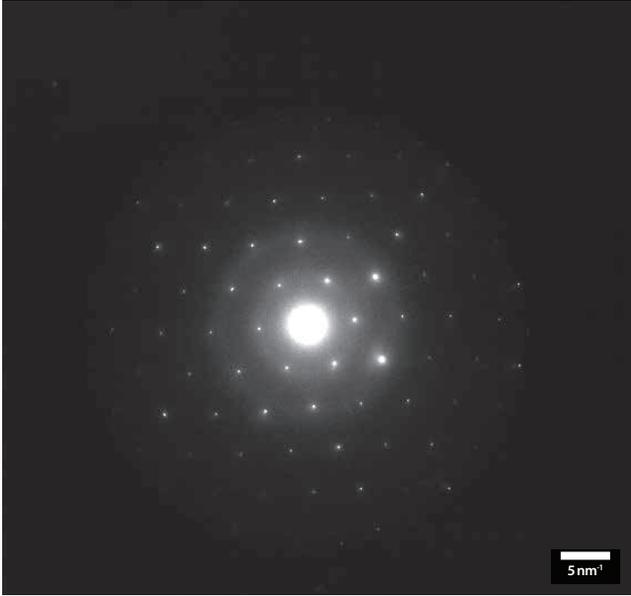
ED: Gold Foil



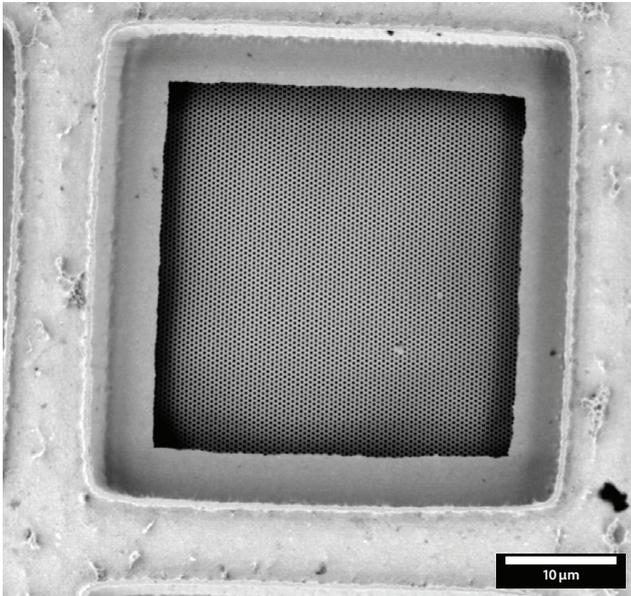
ED: Graphite Flake



ED: Graphene



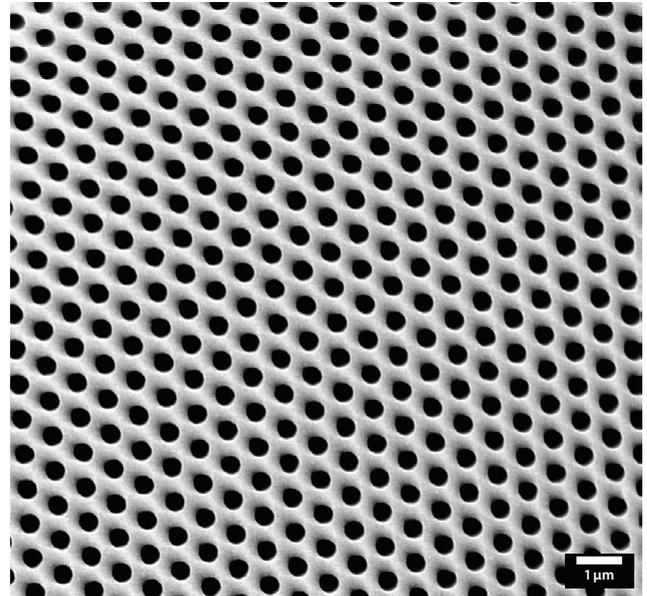
ED: Graphene



SEM: Au grid 300nm

TEM grid

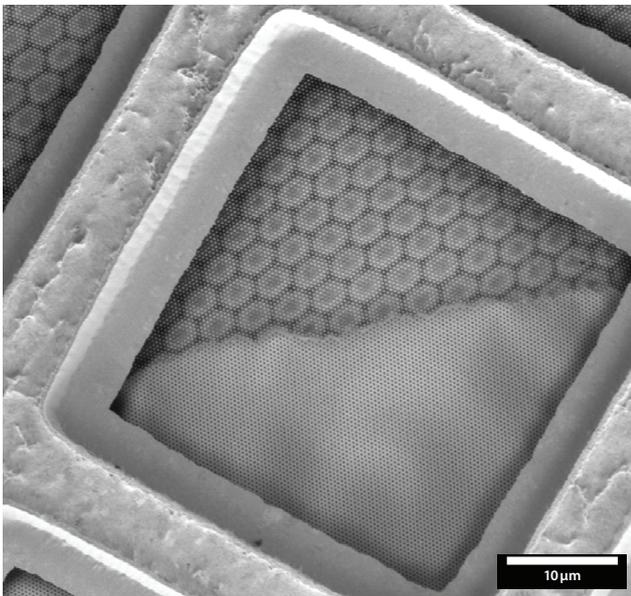
BSE. Point of interest: newly produced TEM grids quality



SEM: Au grid 300nm

TEM grid

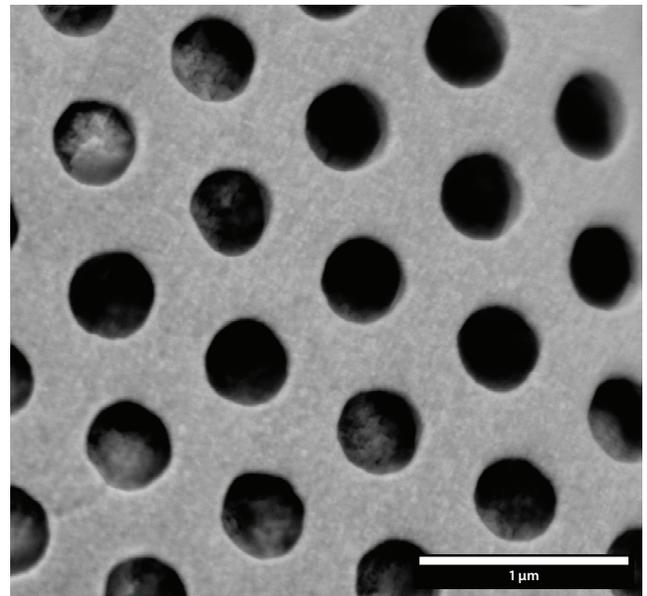
BSE. Point of interest: newly produced TEM grids quality



SEM: Au grid 200nm

TEM grid

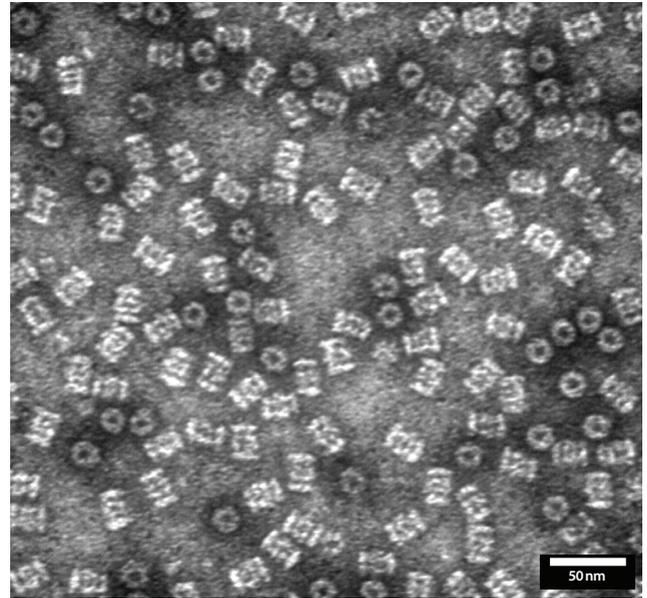
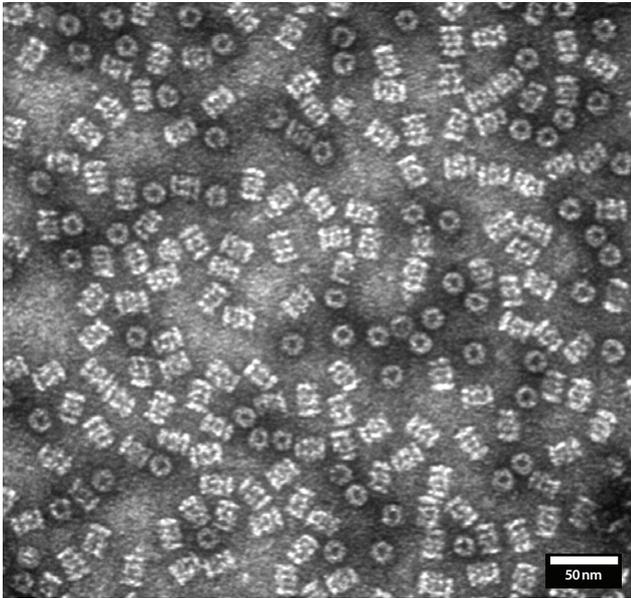
BSE. Point of interest: newly produced TEM grids quality



SEM: Au grid 300nm

TEM grid

BSE. Point of interest: newly produced TEM grids quality



TEM: 20S Proteasome

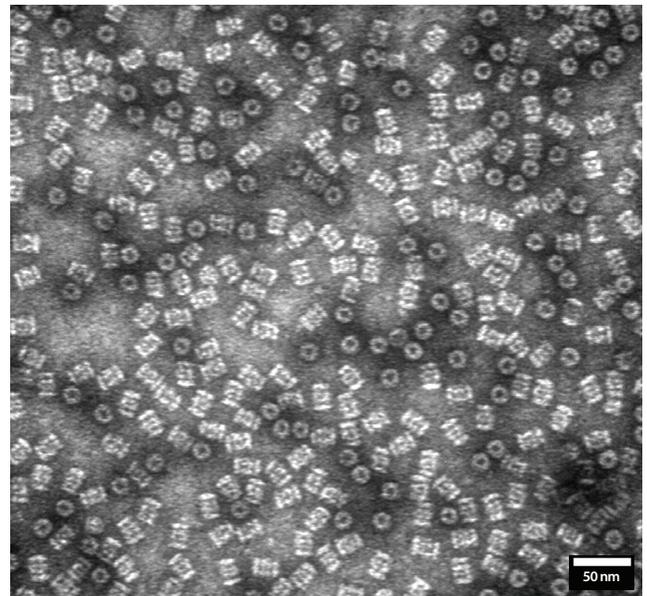
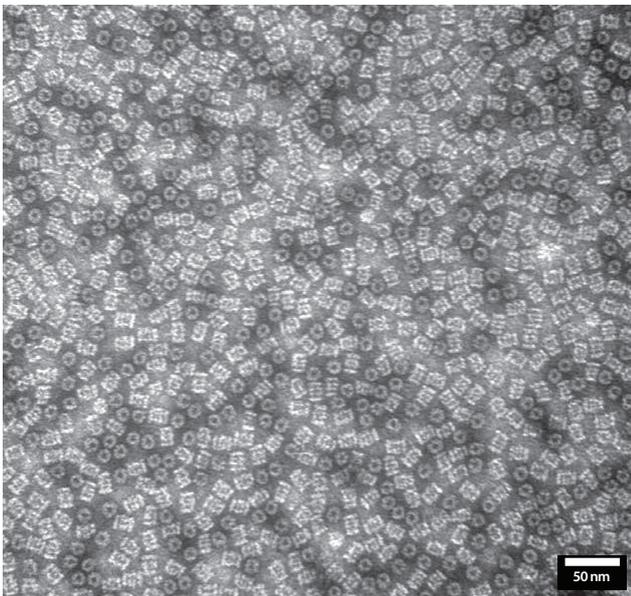
Stained particles on carbon film

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

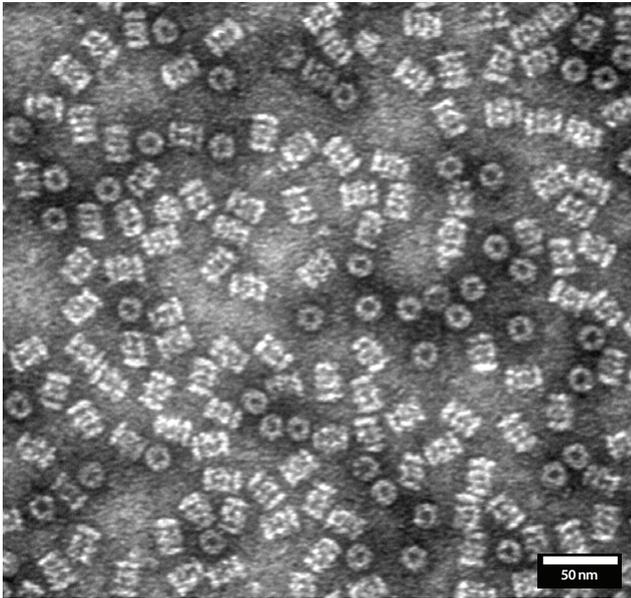
Stained particles on carbon film

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

TEM: 20S Proteasome

Stained particles on carbon film

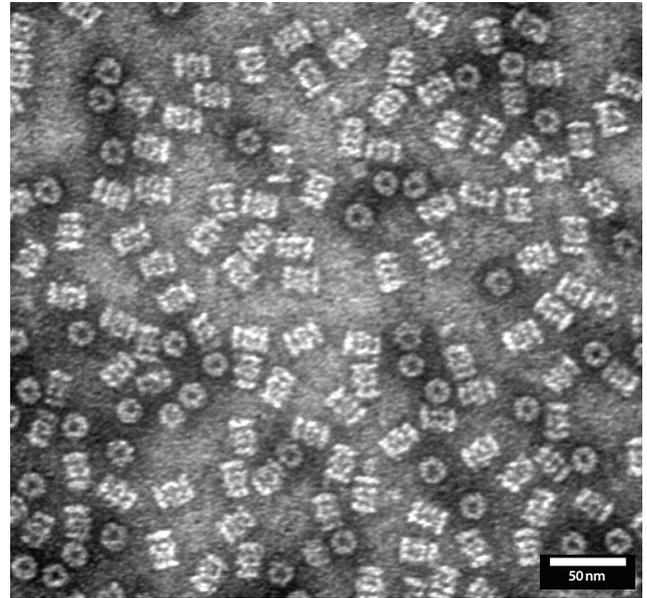
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



TEM: 20S Proteasome

Stained particles on carbon film

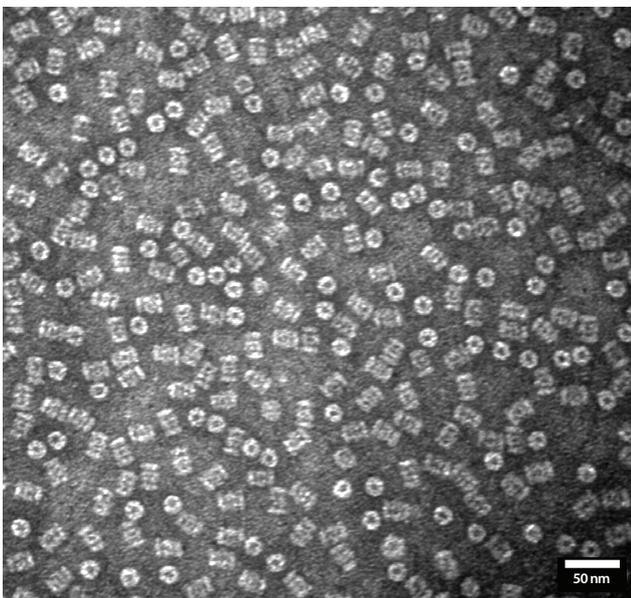
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



TEM: 20S Proteasome

Stained particles on carbon film

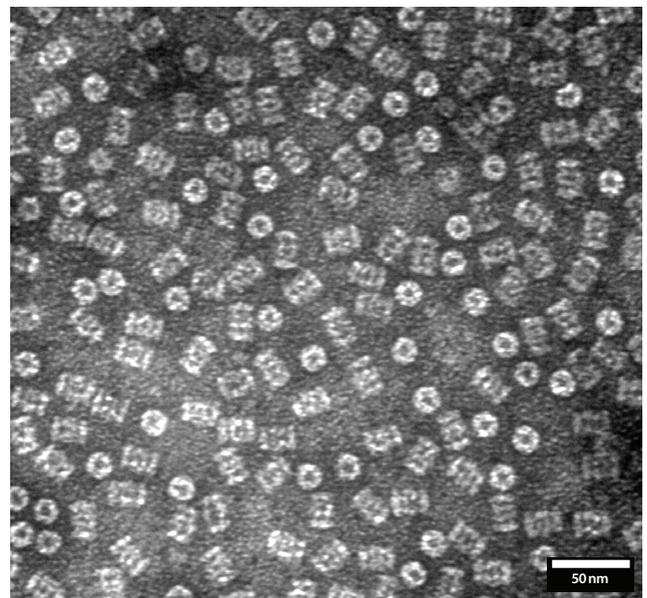
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



TEM: 20S Proteasome

Stained particles on carbon film

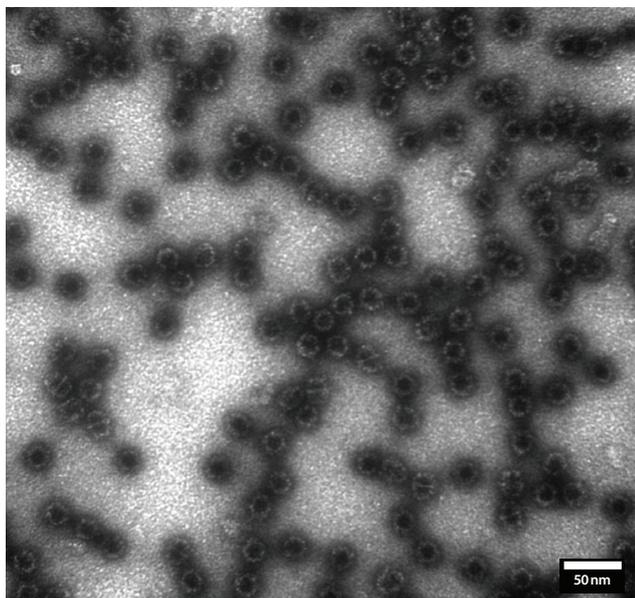
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



TEM: 20S Proteasome

Stained particles on carbon film

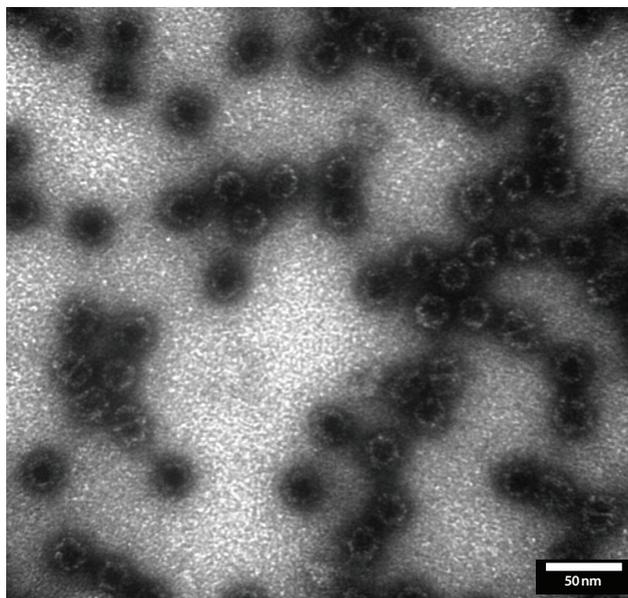
Negative stained proteasomes purified from a *Thermus thermophilus* archeal lysate



TEM: Fatty Acid Synthase

Stained particles on carbon film

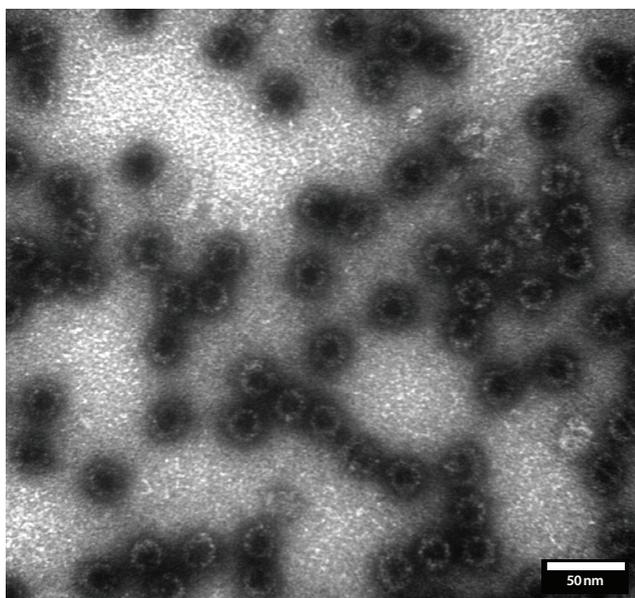
Negative stained fatty acid synthase complexes from yeast



TEM: Fatty Acid Synthase

Stained particles on carbon film

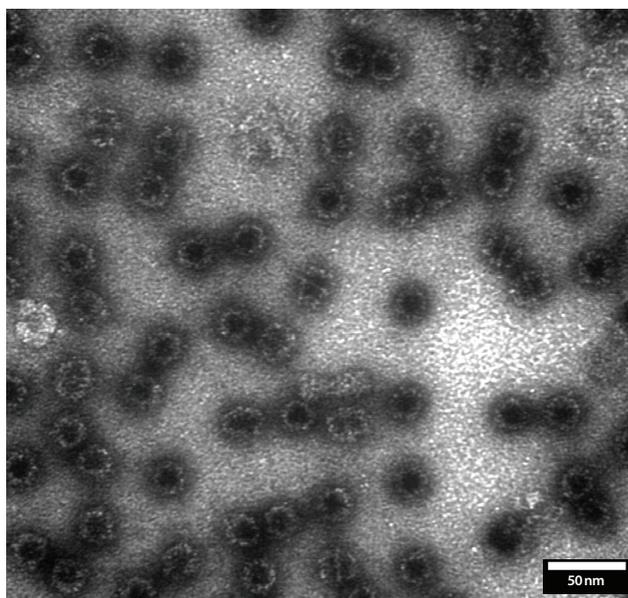
Negative stained fatty acid synthase complexes from yeast



TEM: Fatty Acid Synthase

Stained particles on carbon film

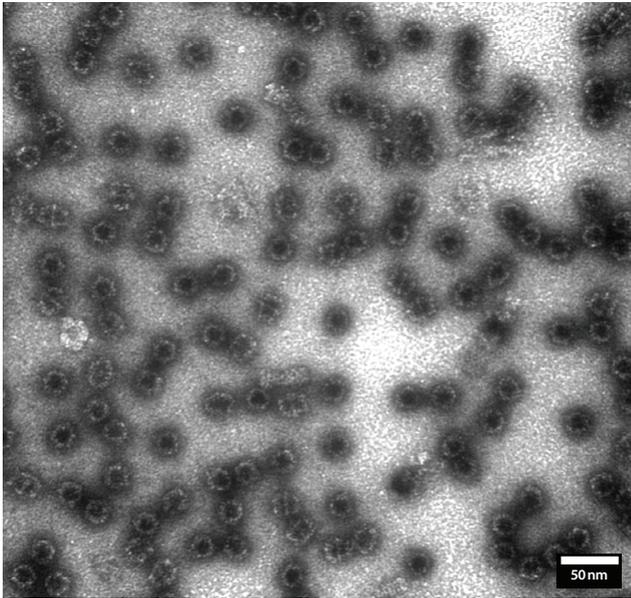
Negative stained fatty acid synthase complexes from yeast



TEM: Fatty Acid Synthase

Stained particles on carbon film

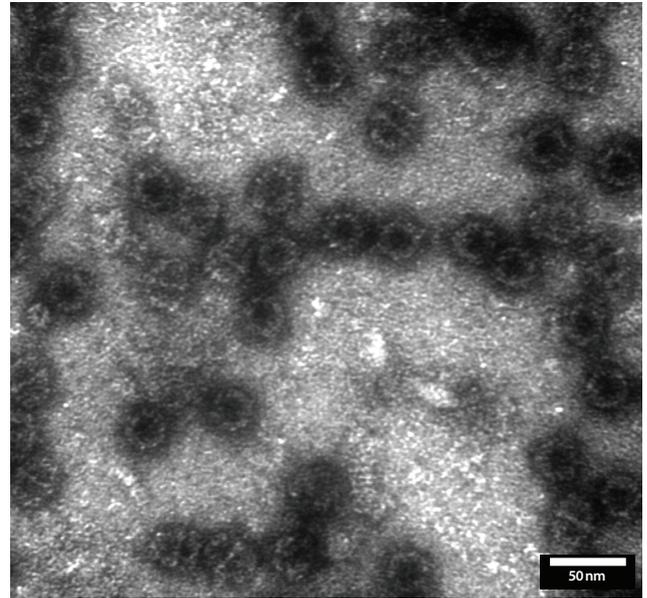
Negative stained fatty acid synthase complexes from yeast



TEM: Fatty Acid Synthase

Stained particles on carbon film

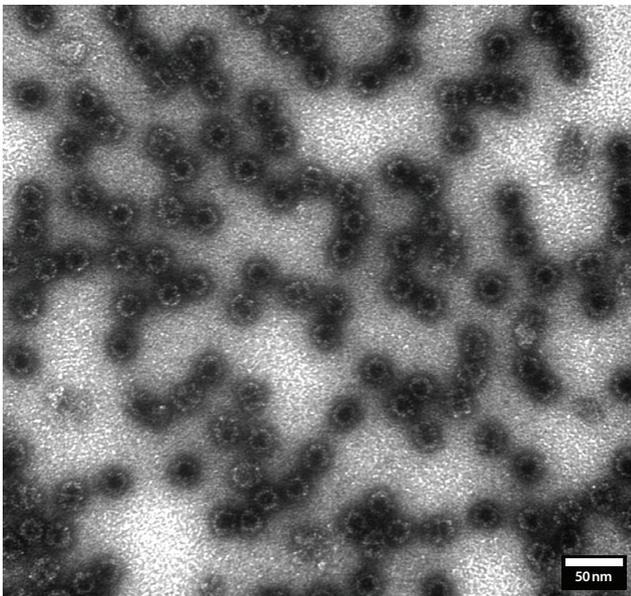
Negative stained fatty acid synthase complexes from yeast



TEM: Fatty Acid Synthase

Stained particles on carbon film

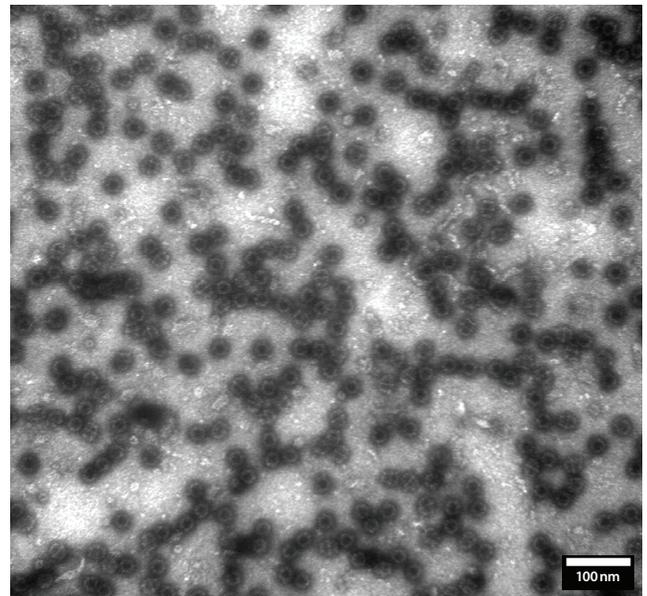
Negative stained fatty acid synthase complexes from yeast



TEM: Fatty Acid Synthase

Stained particles on carbon film

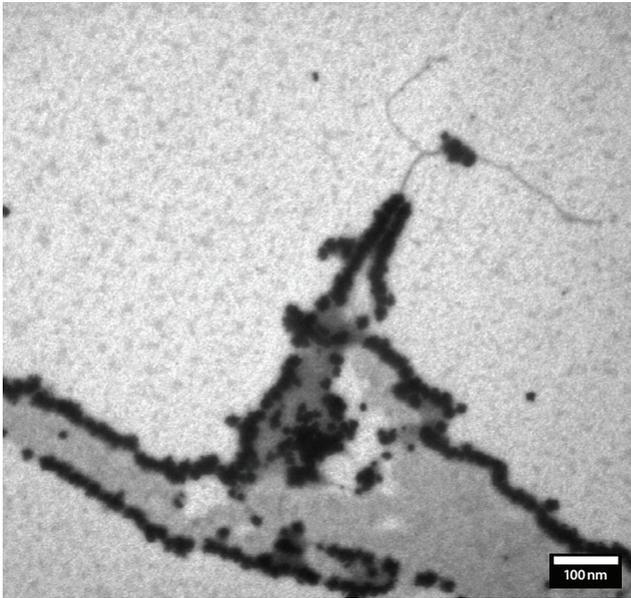
Negative stained fatty acid synthase complexes from yeast



TEM: Fatty Acid Synthase

Stained particles on carbon film

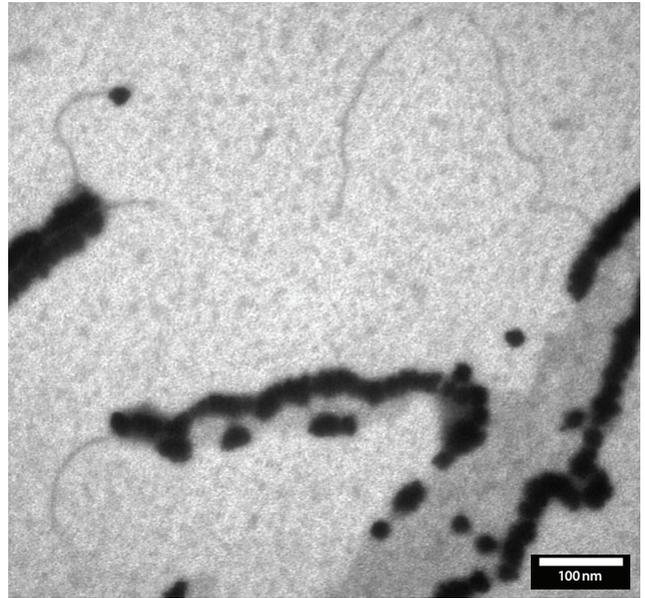
Negative stained fatty acid synthase complexes from yeast



TEM: Liposome Polymer

Particles on carbon film

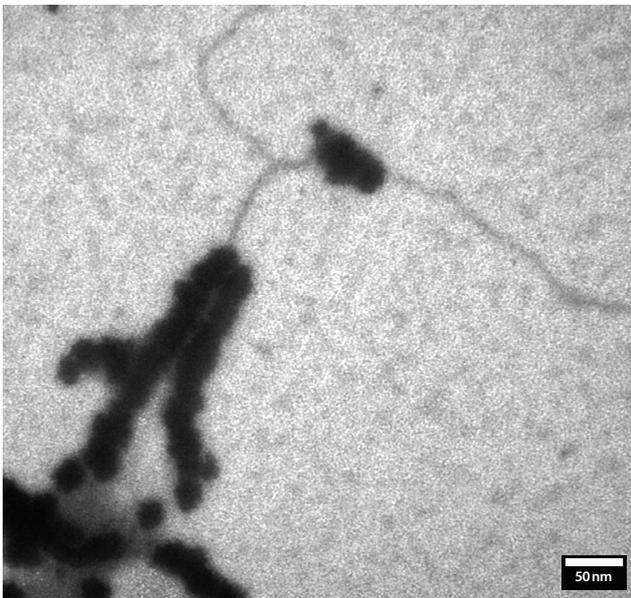
Gadolinium loaded liposome polymer-DNA complexes



TEM: Liposome Polymer

Particles on carbon film

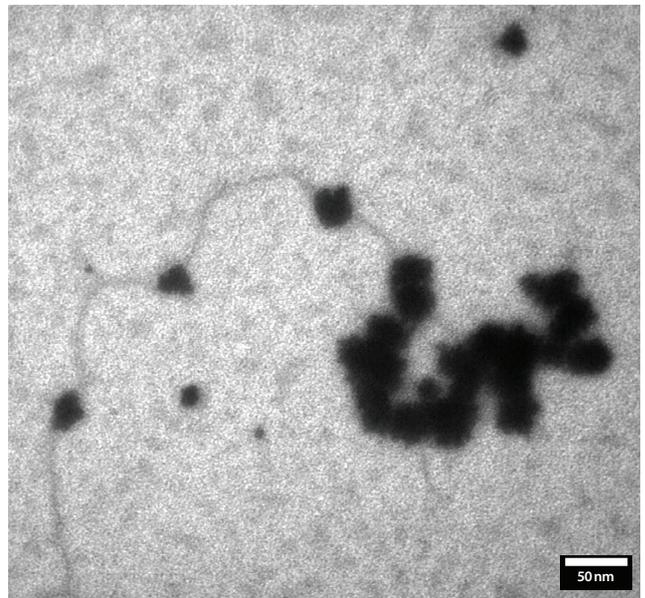
Gadolinium loaded liposome polymer-DNA complexes



TEM: Liposome Polymer

Particles on carbon film

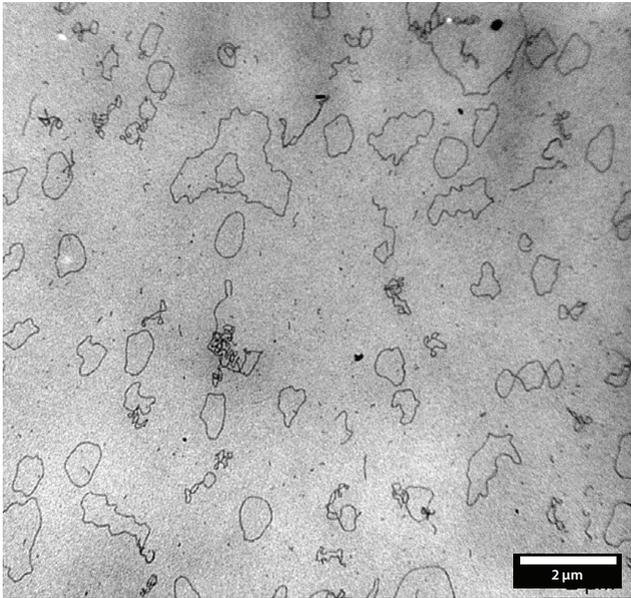
Gadolinium loaded liposome polymer-DNA complexes



TEM: Liposome Polymer

Particles on carbon film

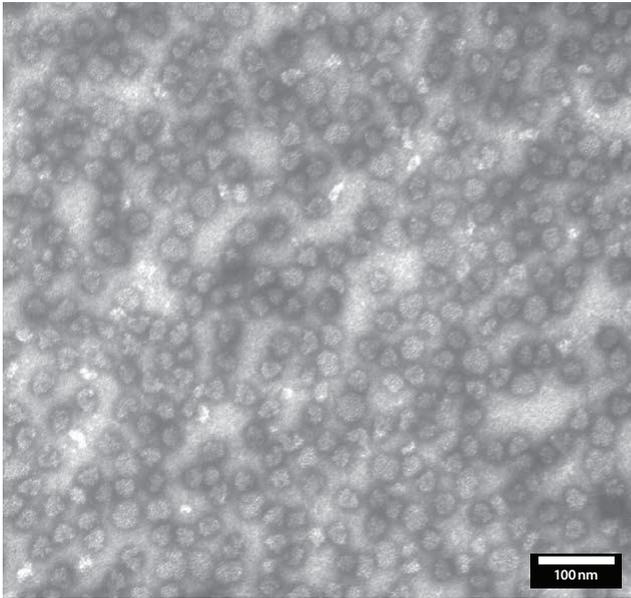
Gadolinium loaded liposome polymer-DNA complexes



TEM: Plasmids

Particles on carbon film

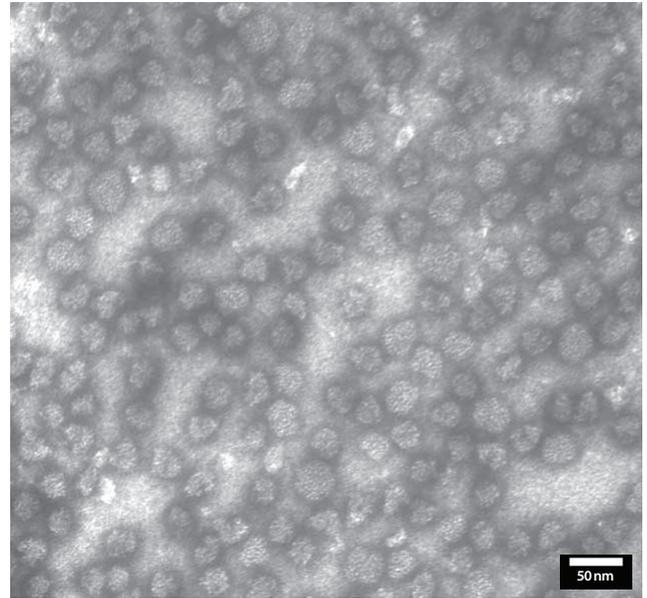
Shadowed



TEM: 80S Ribosomes

Stained particles on carbon film

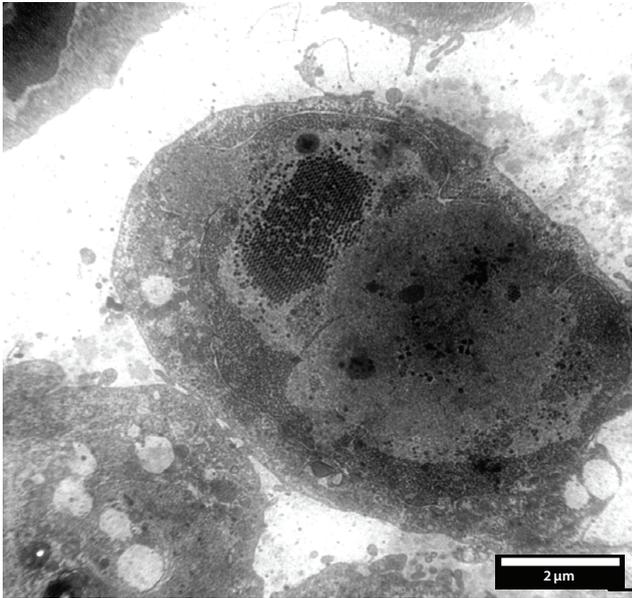
Negative stained human 80S ribosomes



TEM: 80S Ribosomes

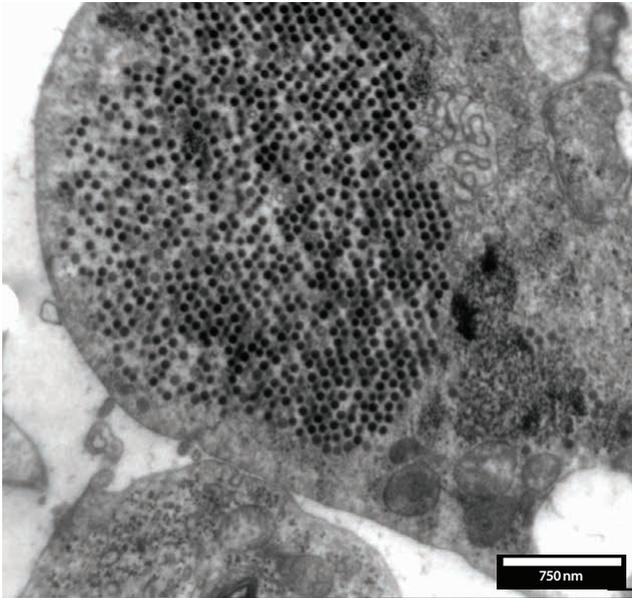
Stained particles on carbon film

Negative stained human 80S ribosomes



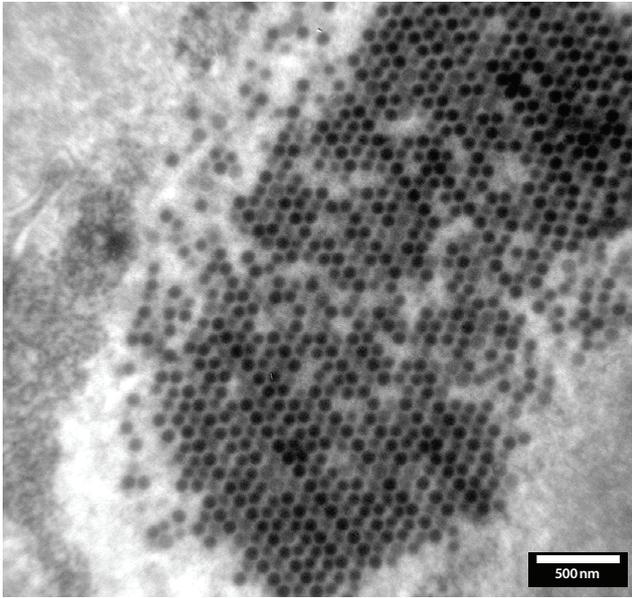
TEM: Adenovirus

Ultrathin stained section
A cell infected by adenovirus



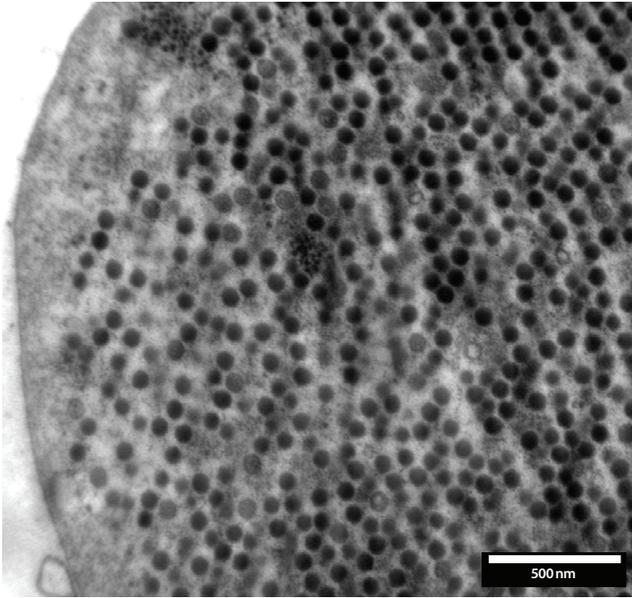
TEM: Adenovirus

Ultrathin stained section
A cell infected by adenovirus



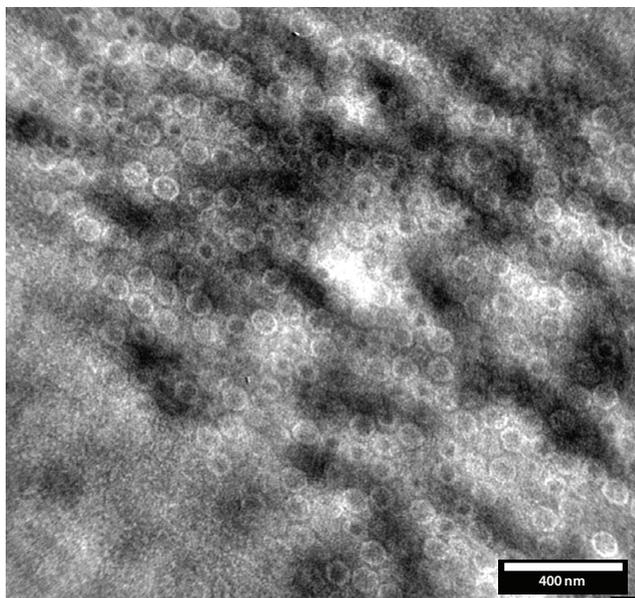
TEM: Adenovirus

Ultrathin stained section
A cell infected by adenovirus



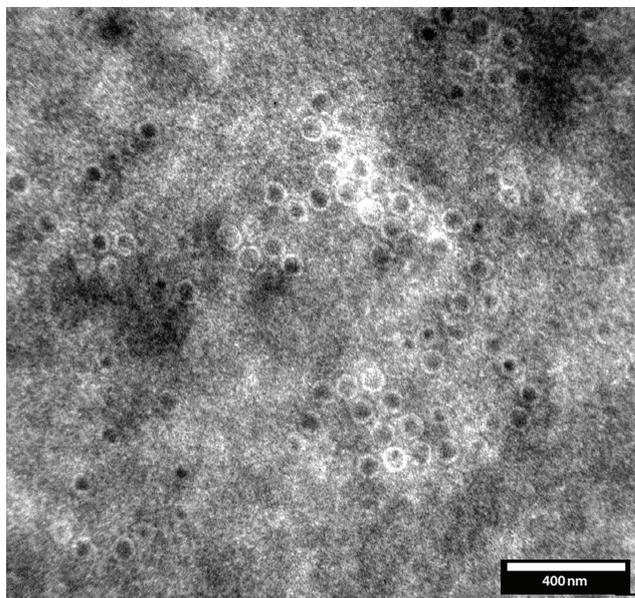
TEM: Adenovirus

Ultrathin stained section
A cell infected by adenovirus



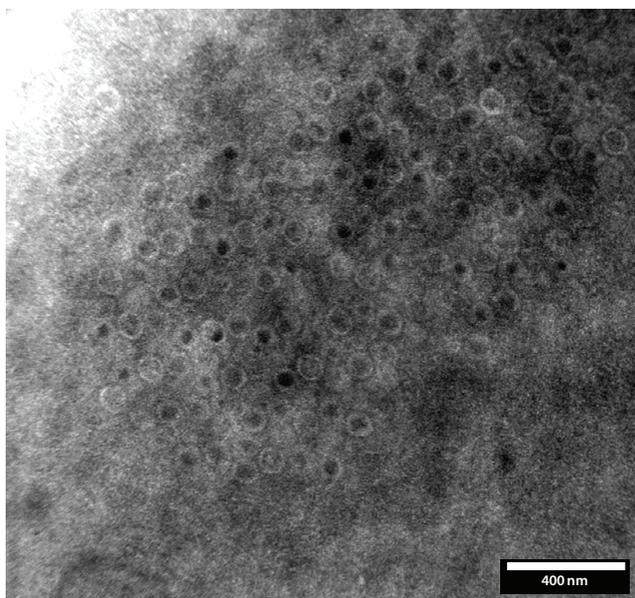
TEM: Adenovirus

Ultrathin unstained section
A cell infected by adenovirus



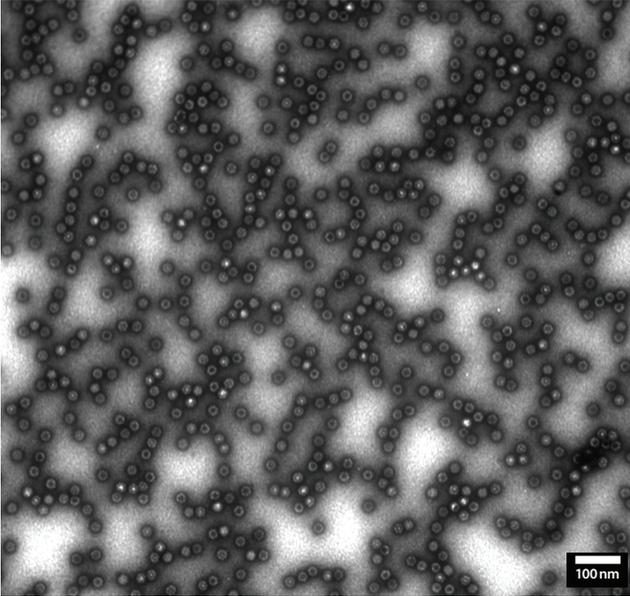
TEM: Adenovirus

Ultrathin unstained section
A cell infected by adenovirus



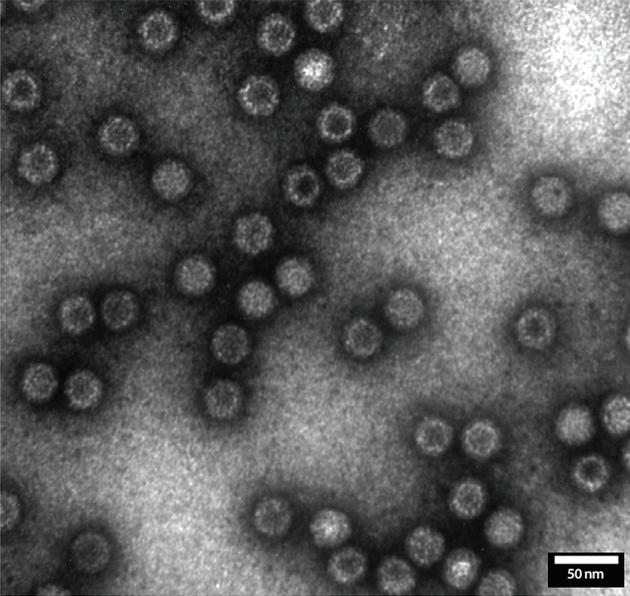
TEM: Adenovirus

Ultrathin unstained section
A cell infected by adenovirus



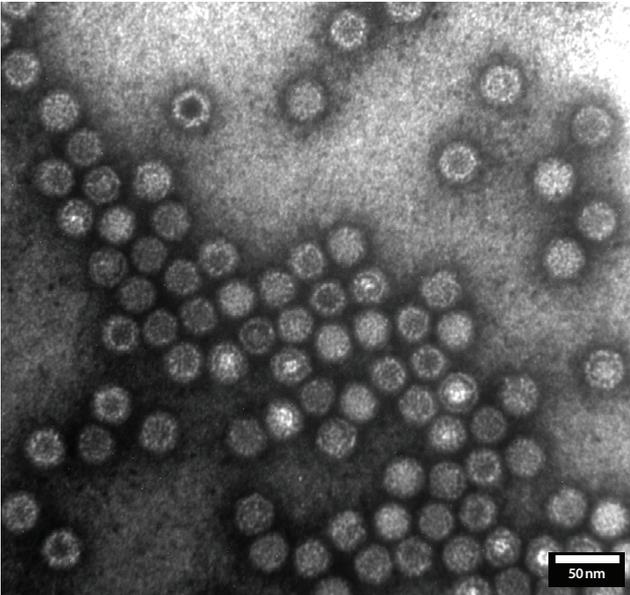
TEM: Adeno-Associated Virus

Stained particles on carbon film
Negative stained virus



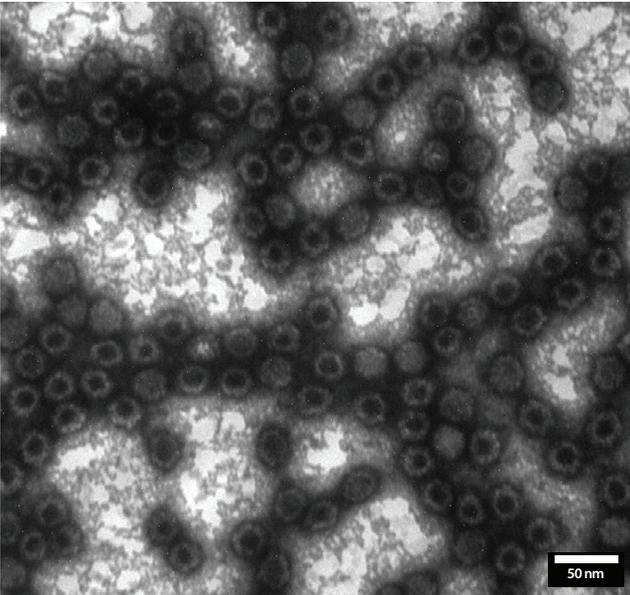
TEM: Adeno-Associated Virus

Stained particles on carbon film
Negative stained virus



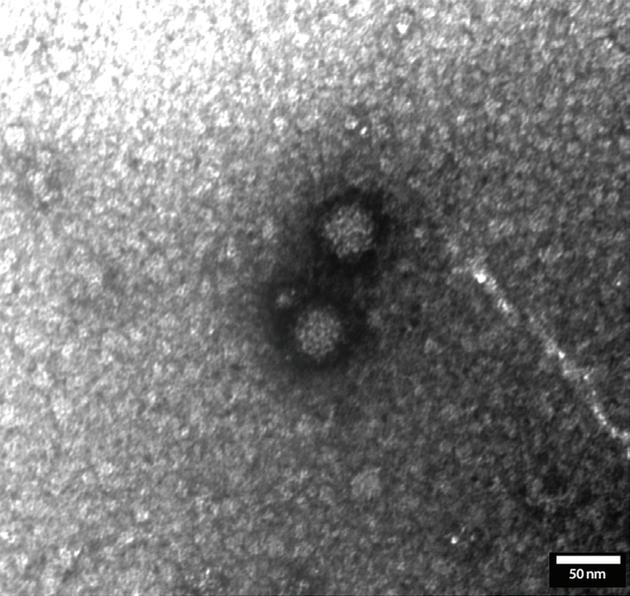
TEM: Adeno-Associated Virus

Stained particles on carbon film
Negative stained virus



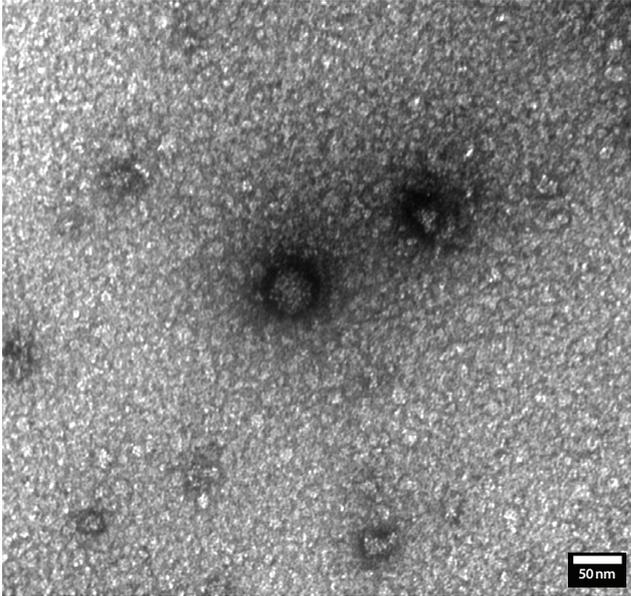
TEM: Adeno-Associated Virus

Stained particles on carbon film
Negative stained virus



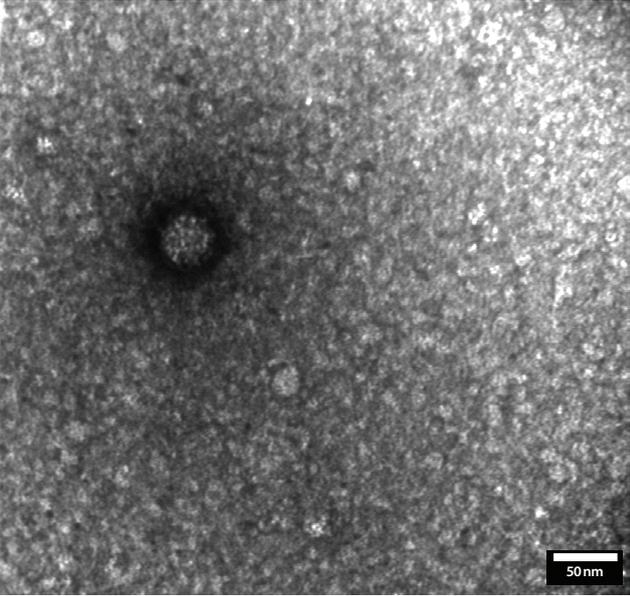
TEM: Norovirus

Stained particles on quantifoil
Negative stained virus



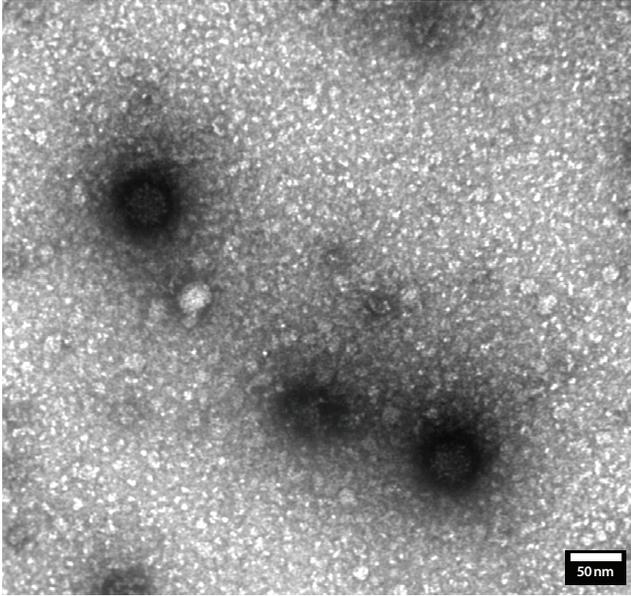
TEM: Norovirus

Stained particles on quantifoil
Negative stained virus



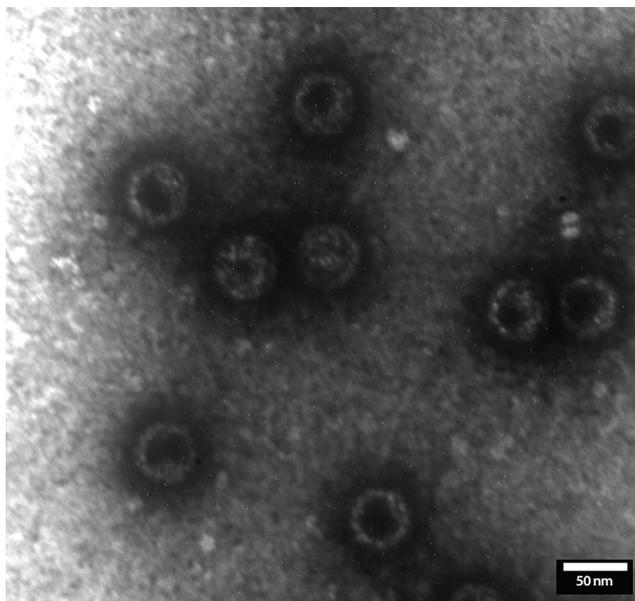
TEM: Norovirus

Stained particles on quantifoil
Negative stained virus



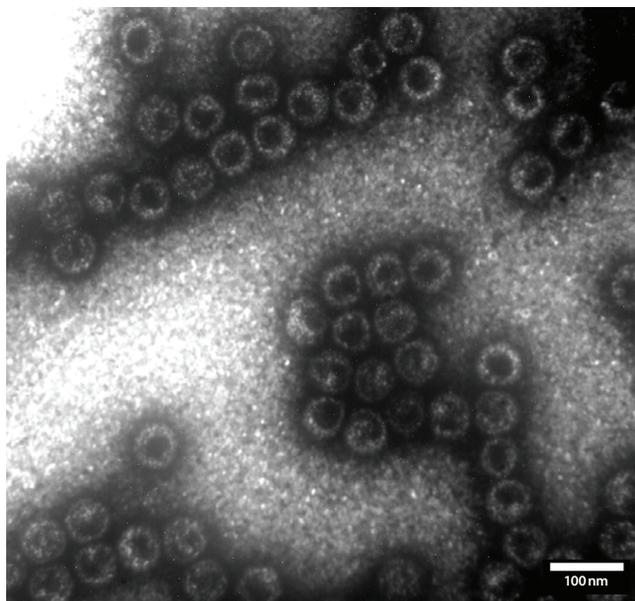
TEM: Norovirus

Stained particles on quantifoil
Negative stained virus



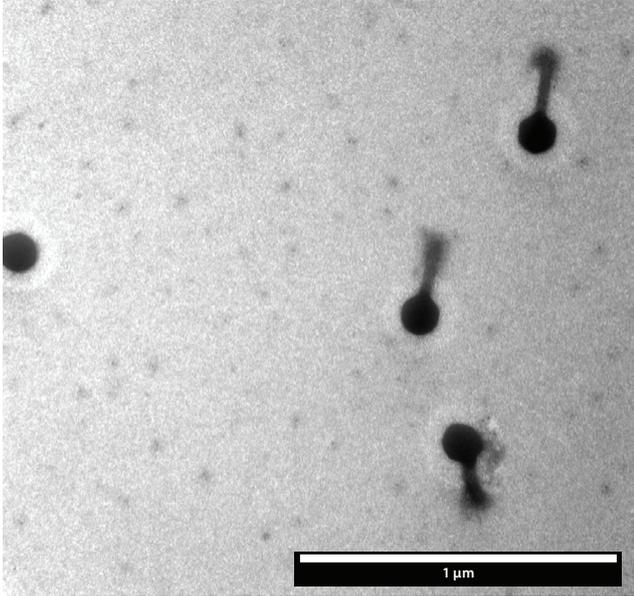
TEM: BK virus

Stained particles on carbon film
Virus stained with 2% UAc



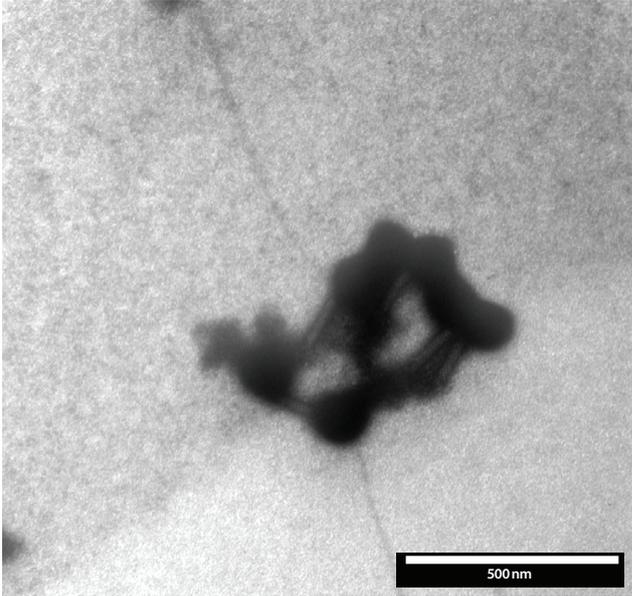
TEM: BK virus

Stained particles on carbon film
Virus stained with 2% UAc



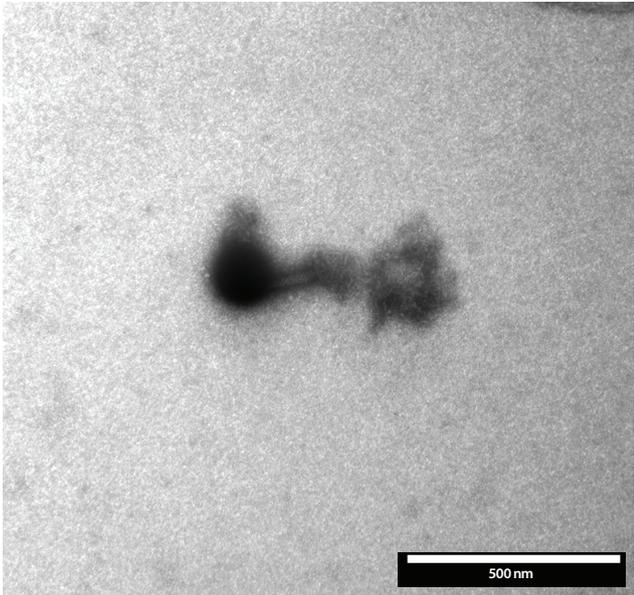
TEM: Bacteriophage

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



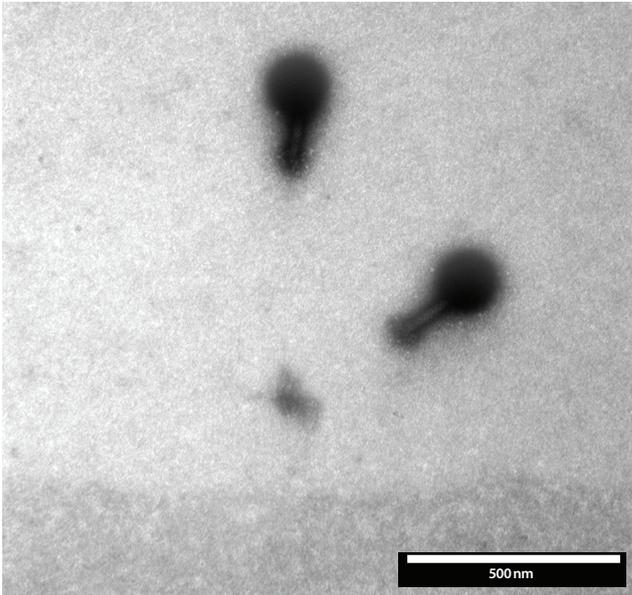
TEM: Bacteriophage

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



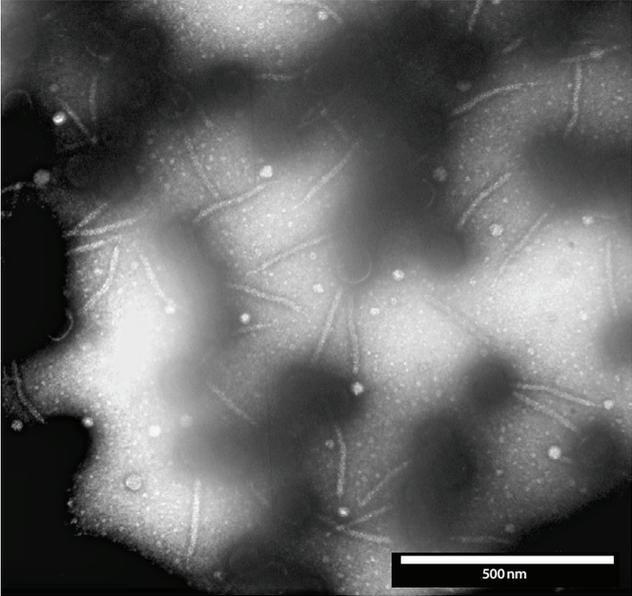
TEM: Bacteriophage

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



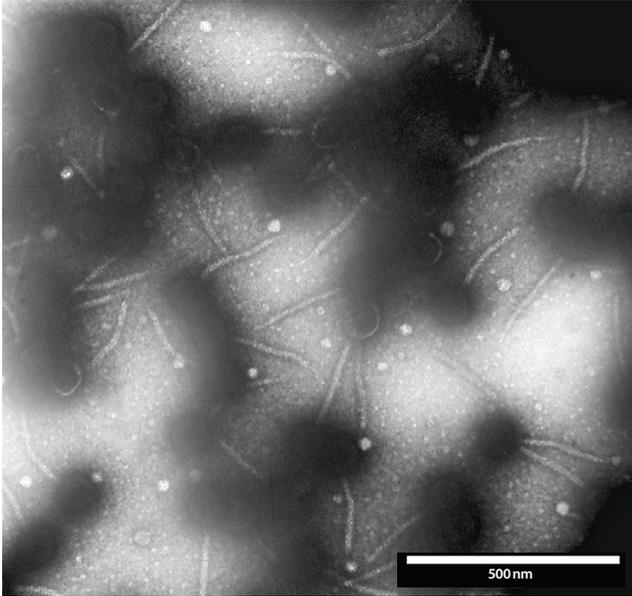
TEM: Bacteriophage

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



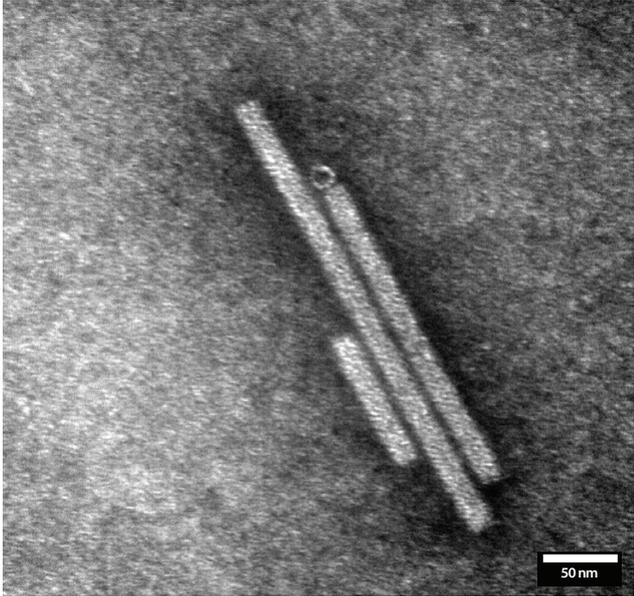
TEM: Bacteriophage

Particles on carbon film
Negative stained virus



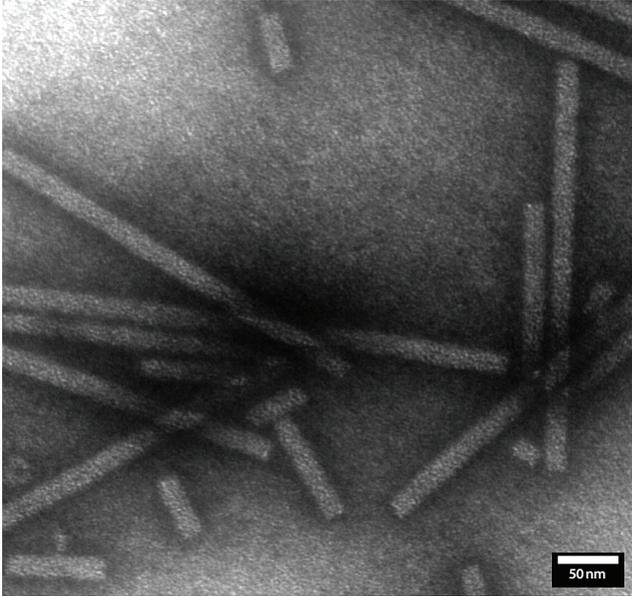
TEM: Bacteriophage

Particles on carbon film
Negative stained virus



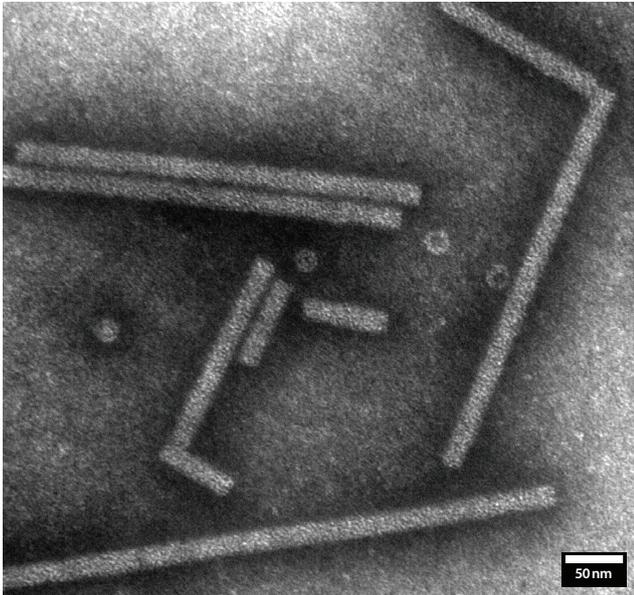
TEM: Tobacco Mosaic Virus

Stained particles on carbon film
Negative stained



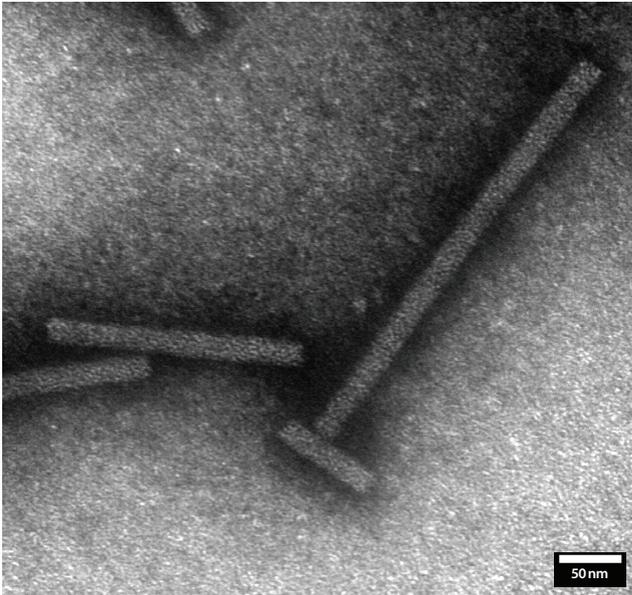
TEM: Tobacco Mosaic Virus

Stained particles on carbon film
Negative stained



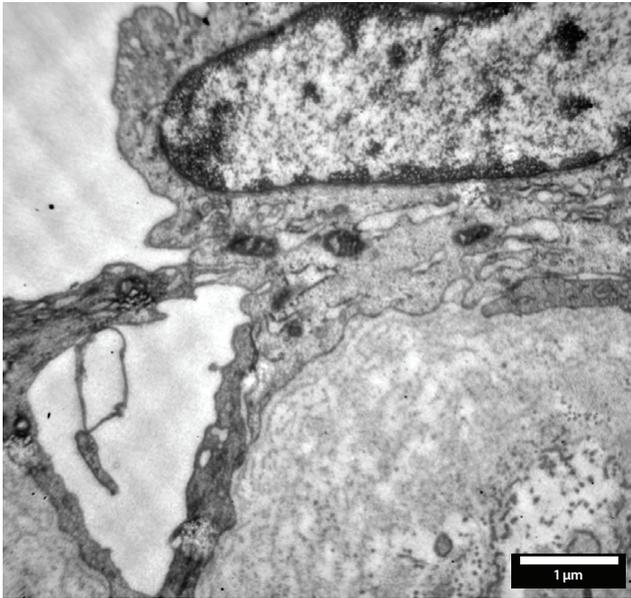
TEM: Tobacco Mosaic Virus

Stained particles on carbon film
Negative stained



TEM: Tobacco Mosaic Virus

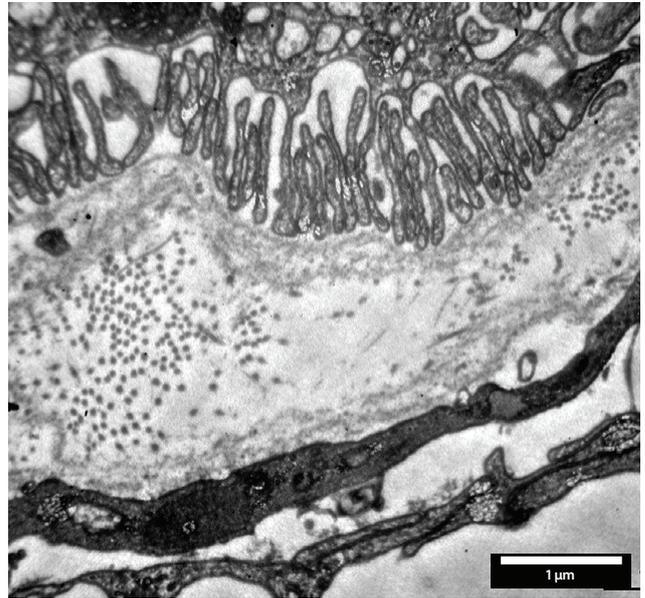
Stained particles on carbon film
Negative stained



TEM: Kidney

Stained ultrathin section

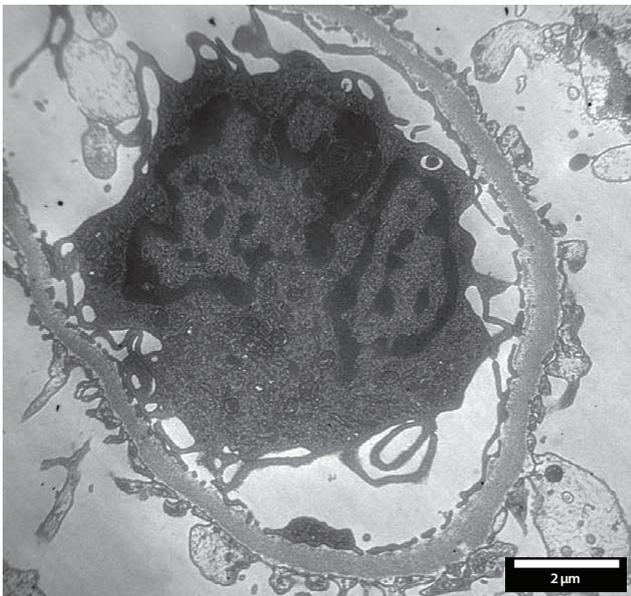
20 nm section, point of interest: nucleus



TEM: Kidney

Stained ultrathin section

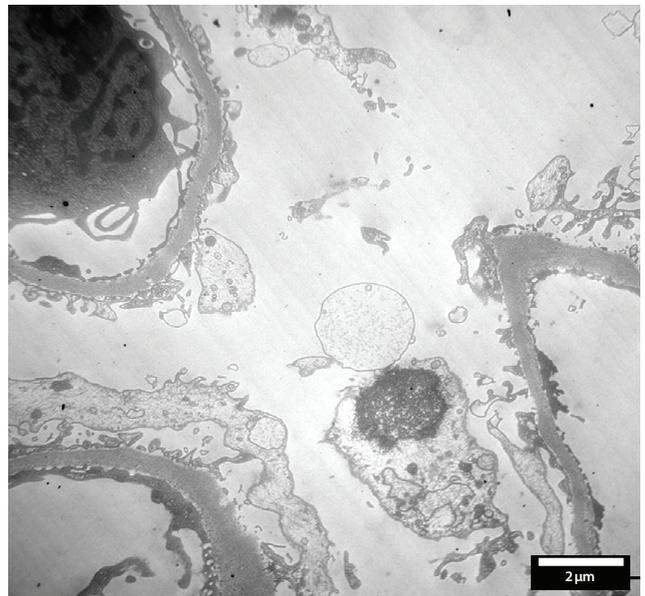
20 nm section



TEM: Kidney

Stained ultrathin section

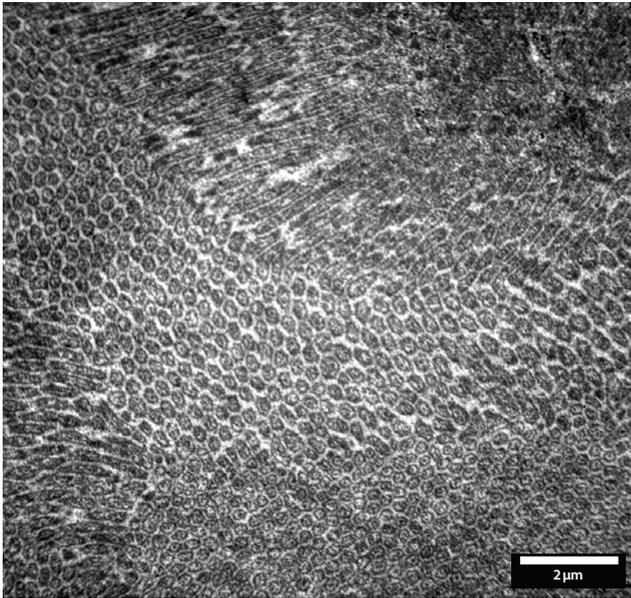
20 nm section, point of interest: leukocyte in capillary



TEM: Kidney

Stained ultrathin section

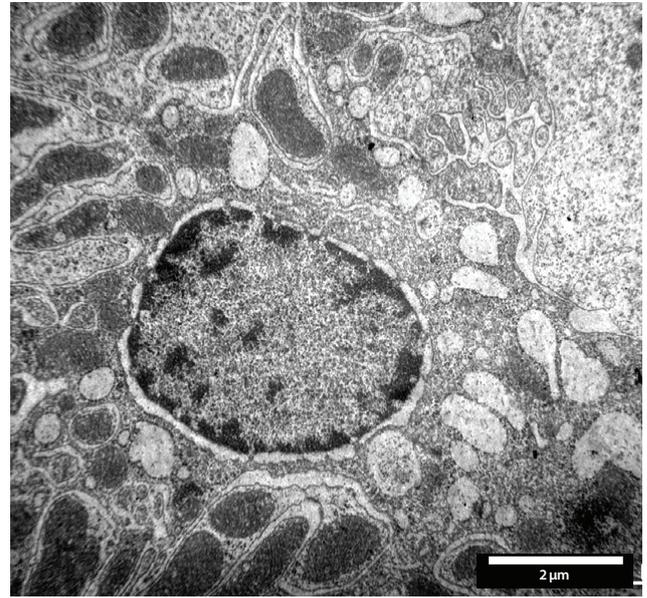
20 nm section, point of interest: leukocyte in capillary



TEM: Kidney

Ultrathin section

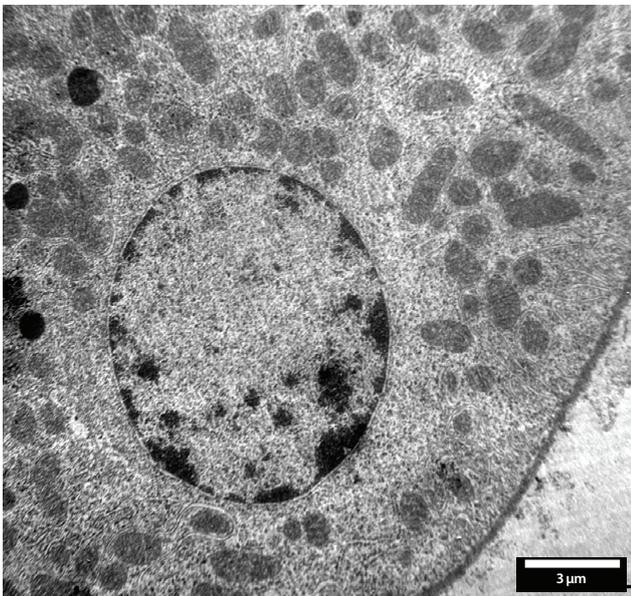
20 nm section, fixed by OsO₄,
point of interest: section microtubules
(citas) in various orientation



TEM: Kidney

Ultrathin section

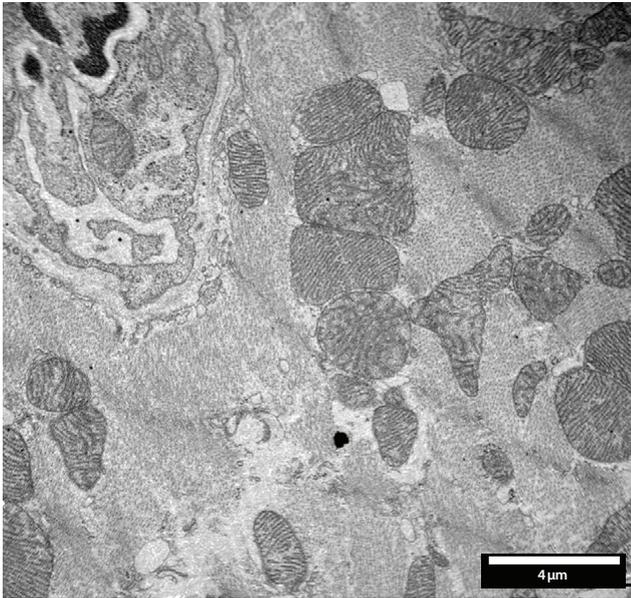
20 nm section, fixed by OsO₄,
point of interest: nucleus surrounded by mitochondria



TEM: Kidney

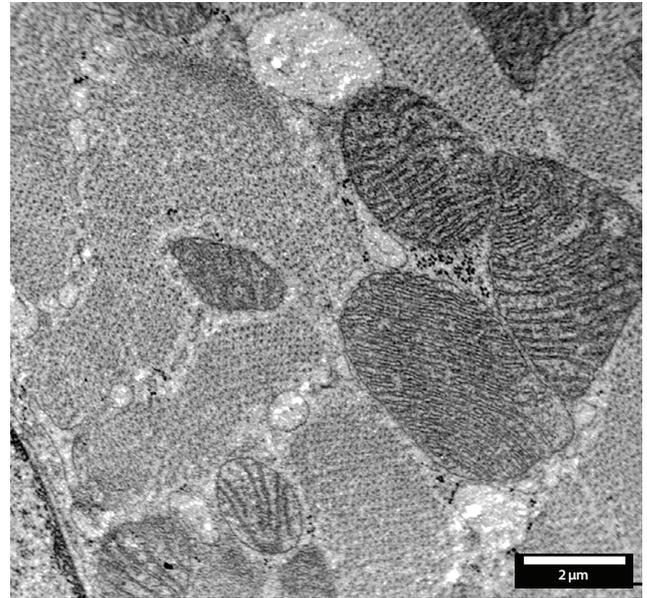
Ultrathin section

20 nm section, fixed by OsO₄,
point of interest: nucleus surrounded by mitochondria



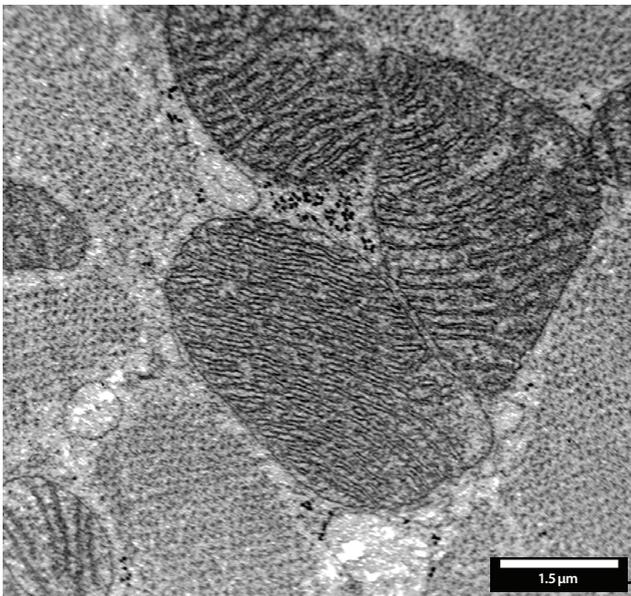
TEM: Heart Muscle

Ultrathin section
20 nm section, fixed by OsO₄,
point of interest: mitochondrias and muscle fibres



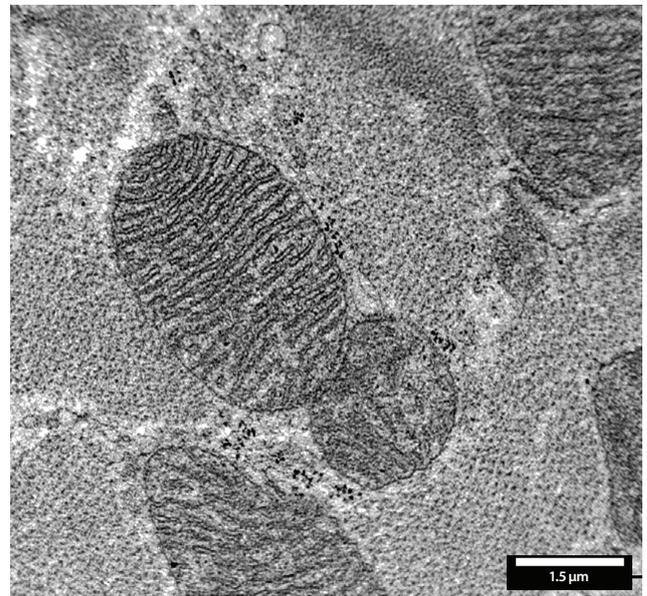
TEM: Heart Muscle

Ultrathin section
20 nm section, fixed by OsO₄,
point of interest: mitochondrias and muscle fibres



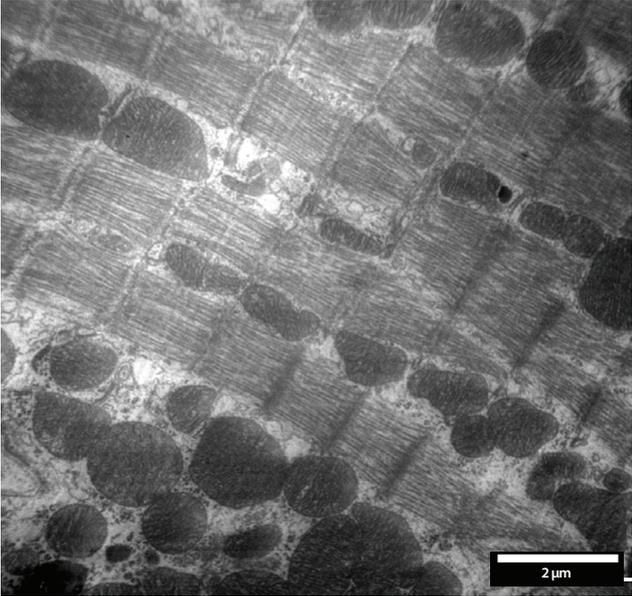
TEM: Heart Muscle

Ultrathin section
20 nm section, fixed by OsO₄,
point of interest: mitochondrias and muscle fibres



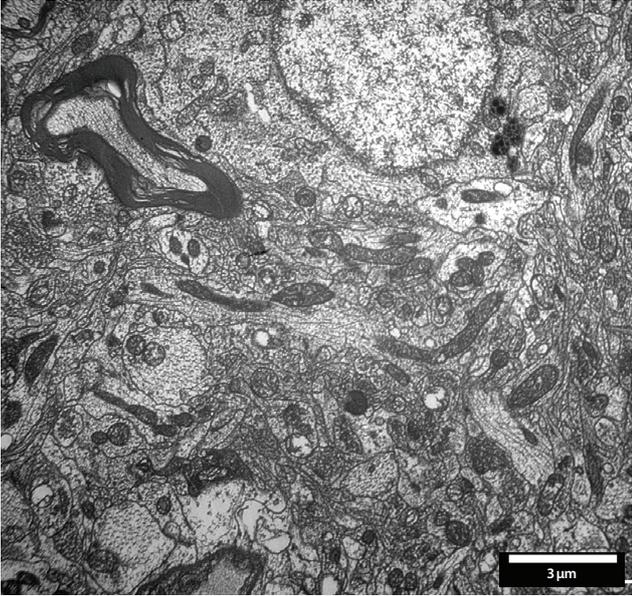
TEM: Heart Muscle

Ultrathin section
20 nm section, fixed by OsO₄,
point of interest: mitochondrias and muscle fibres



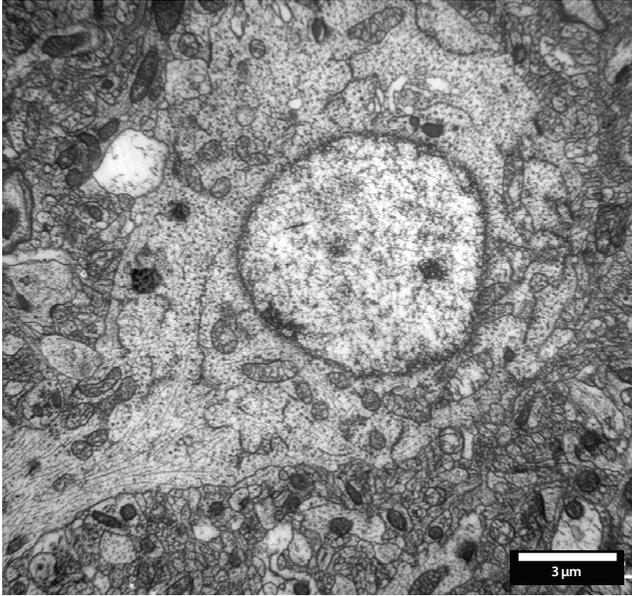
TEM: Muscle

Ultrathin section
20 nm section, fixed by C₅H₈O₂, point of interest:
structure of myofibrils and mitochondria



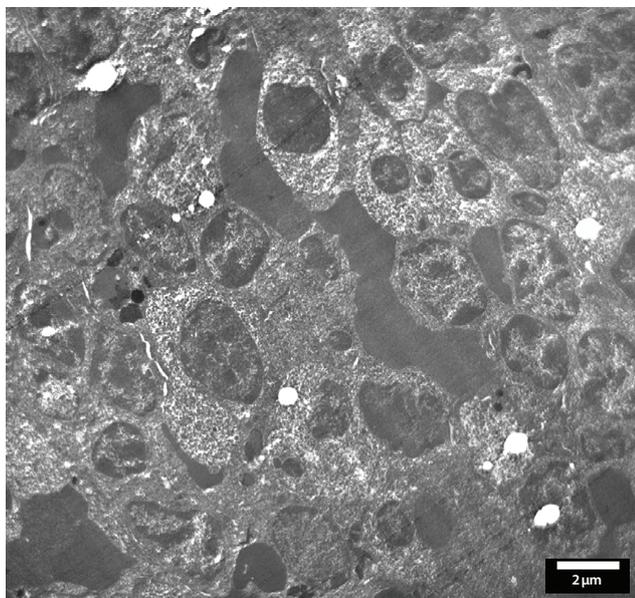
TEM: Brain

Stained ultrathin section
20 nm section



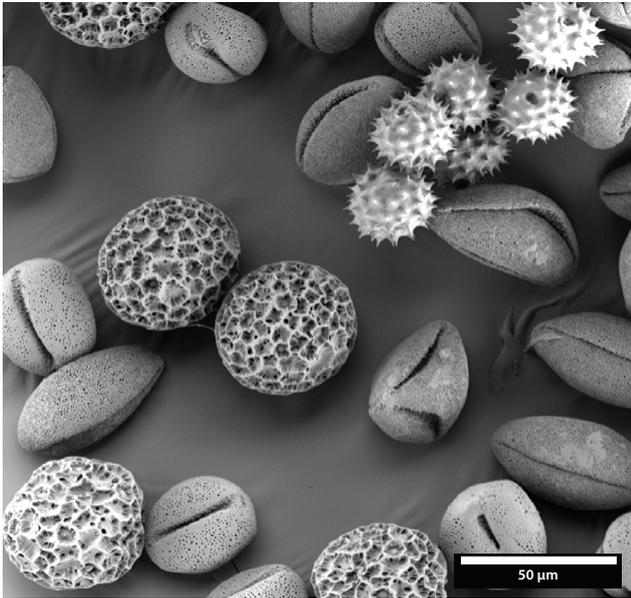
TEM: Brain

Stained ultrathin section
20 nm section



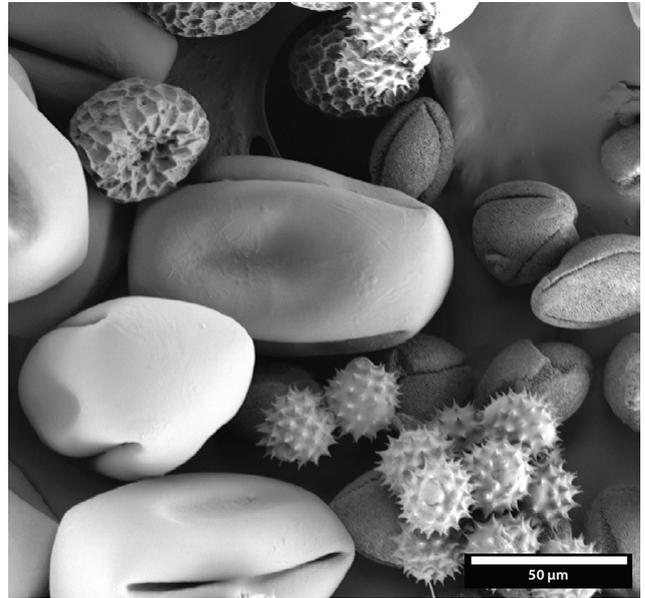
STEM: Spleen

Stained section 20 nm



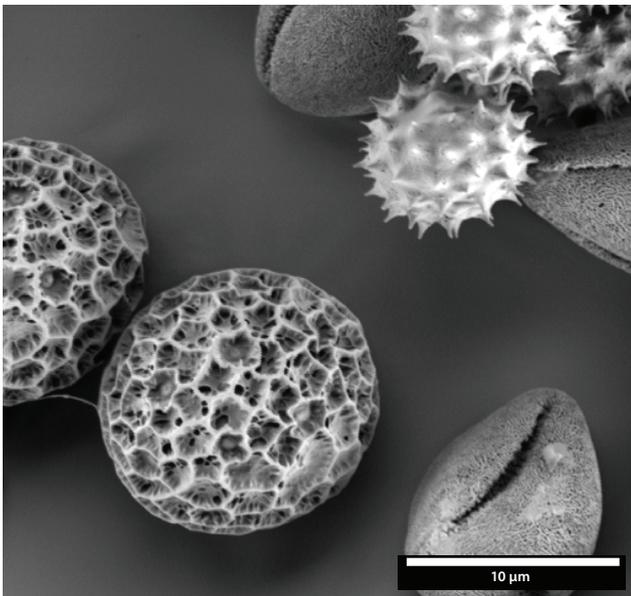
SEM: Pollen Grains

Particles on stub
BSE. Gold coated



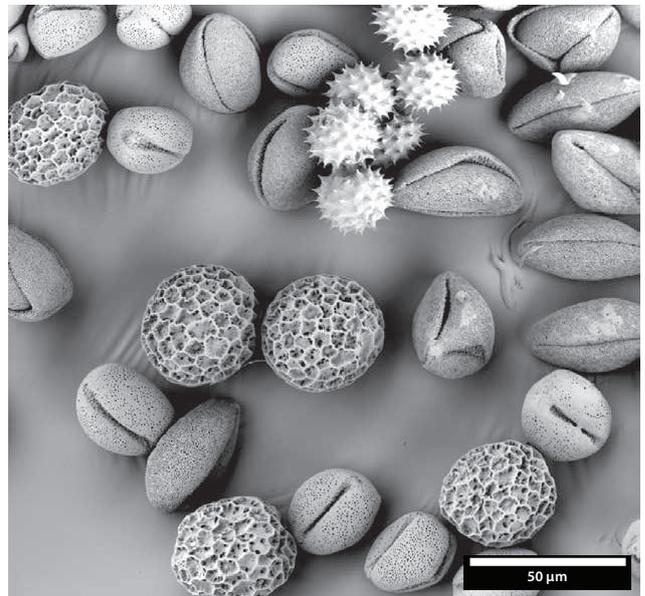
SEM: Pollen Grains

Particles on stub
BSE. Gold coated



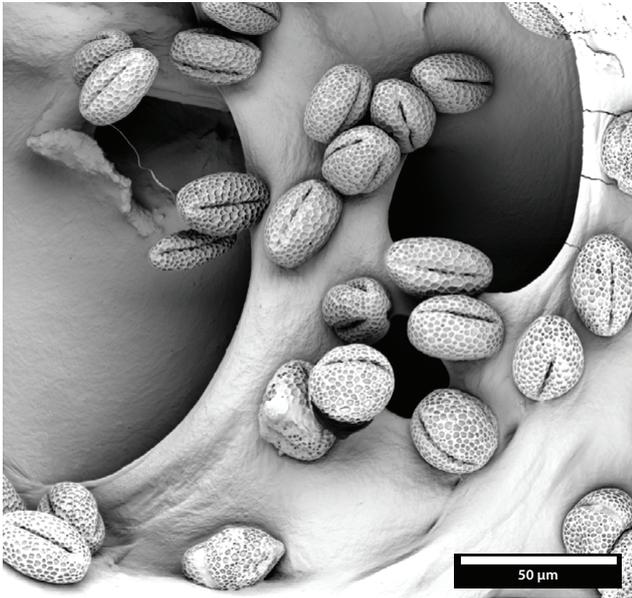
SEM: Pollen Grains

Particles on stub
BSE. Gold coated



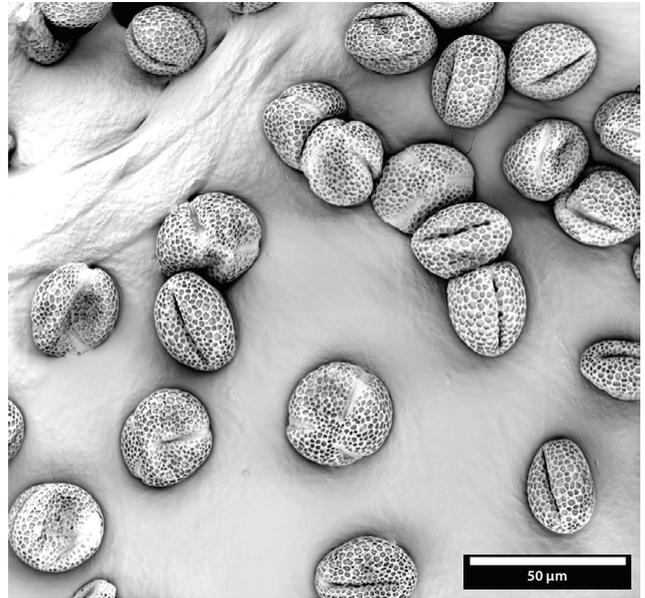
SEM: Pollen Grains

Particles on stub
BSE. Gold coated



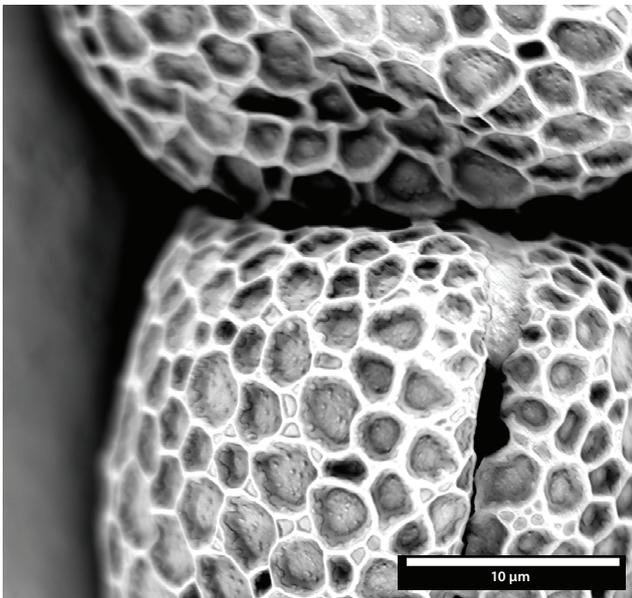
SEM: Pollen Grains (Forsythia)

Particles on stub
BSE. Gold coated



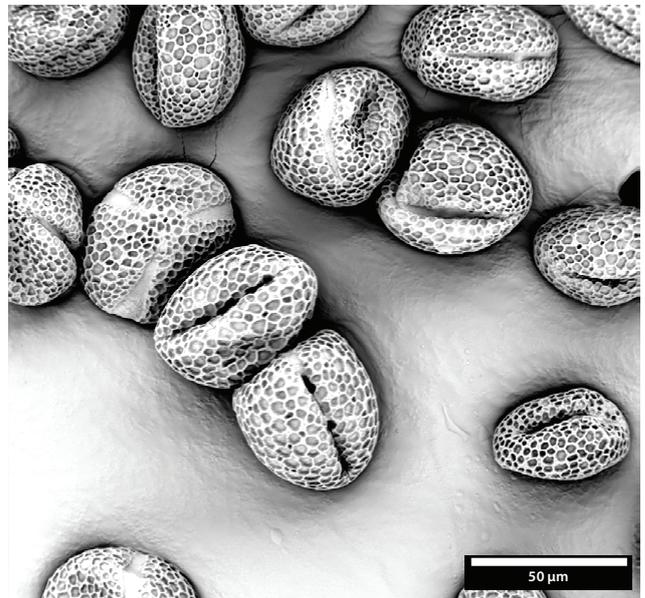
SEM: Pollen Grains (Forsythia)

Particles on stub
BSE. Gold coated



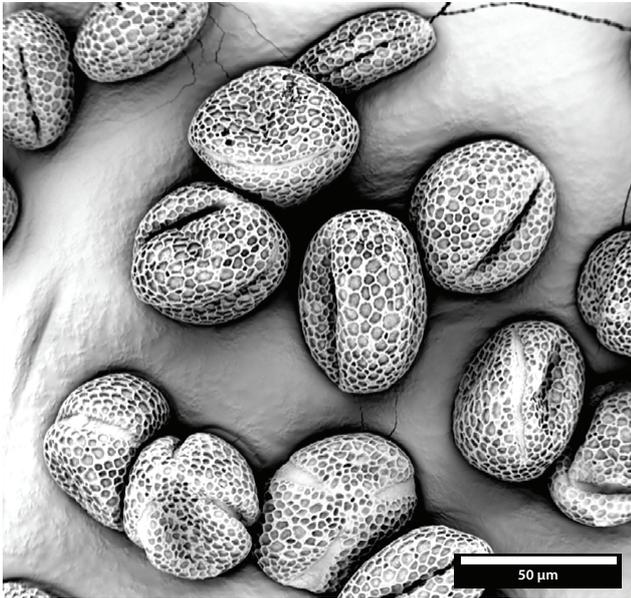
SEM: Pollen Grains (Forsythia)

Particles on stub
BSE. Gold coated



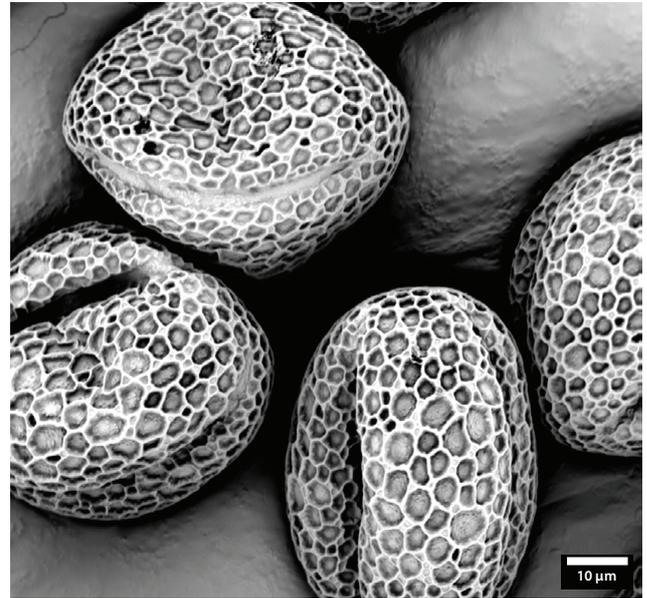
SEM: Pollen Grains (Forsythia)

Particles on stub
BSE. Gold coated



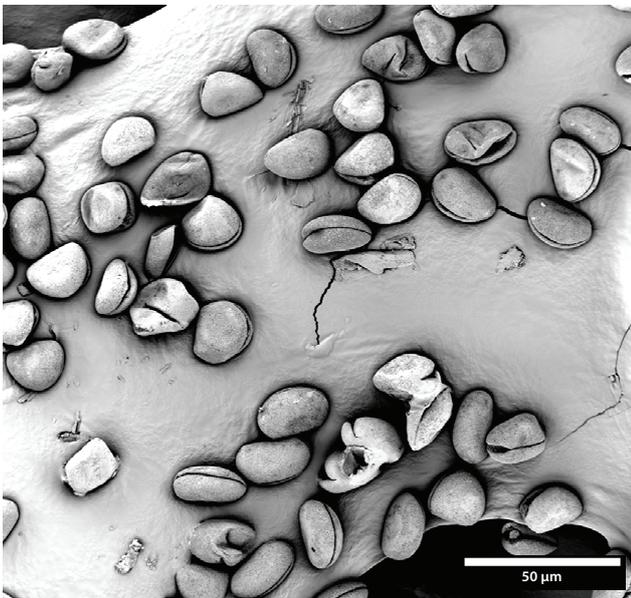
SEM: Pollen Grains (Forsythia)

Particles on stub
BSE. Gold coated



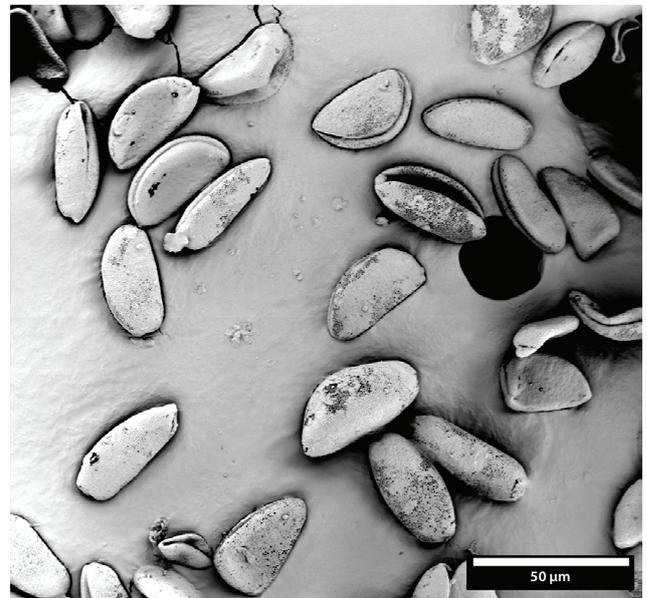
SEM: Pollen Grains (Forsythia)

Particles on stub
BSE. Gold coated



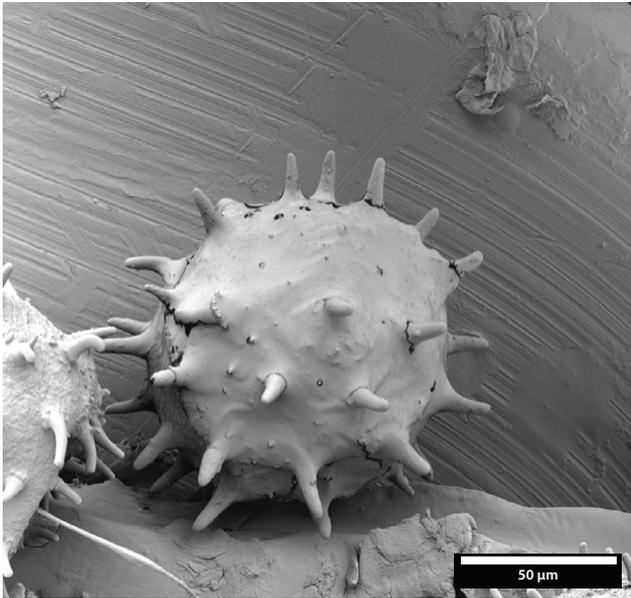
SEM: Pollen Grains (Narcissus)

Particles on stub
BSE. Gold coated



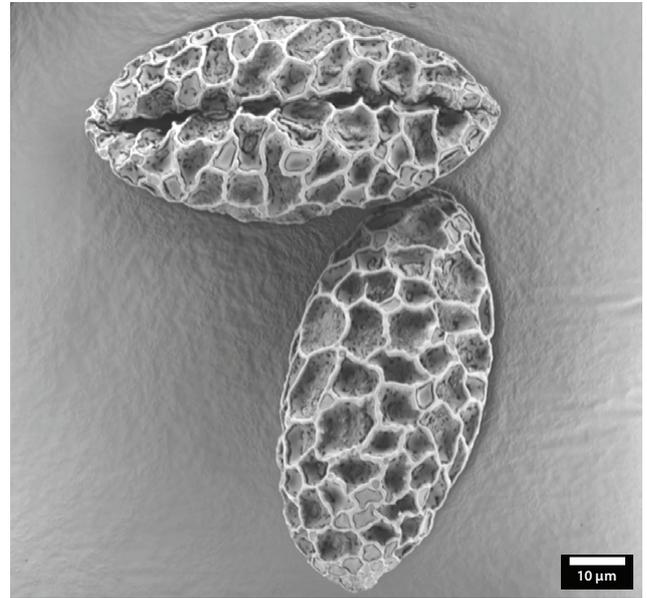
SEM: Pollen Grains (Narcissus)

Particles on stub
BSE. Gold coated



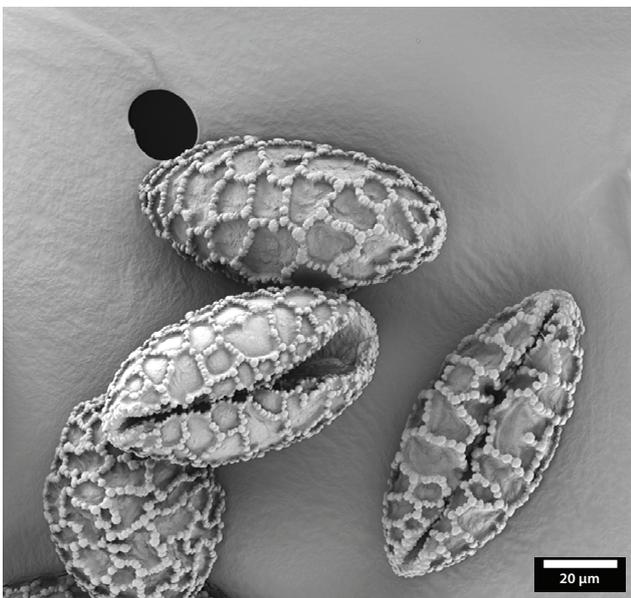
SEM: Pollen Grains (Hibiscus)

Particles on stub
BSE. Gold coated



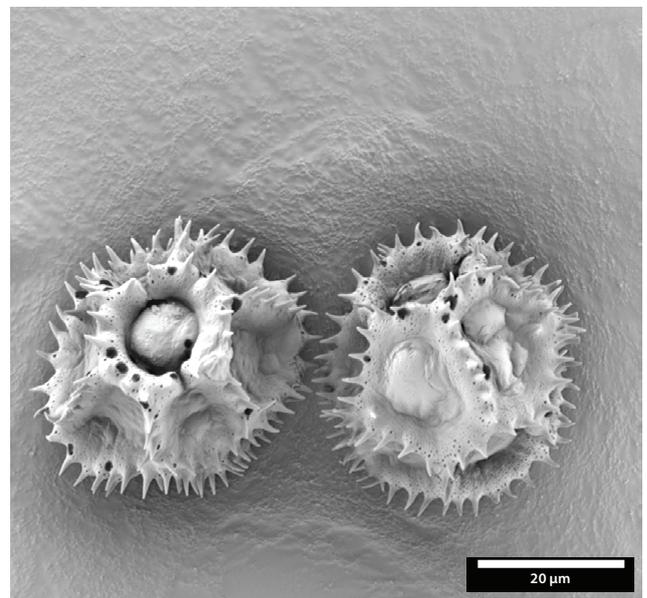
SEM: Pollen Grains (Hosta)

Particles on stub
BSE. Gold coated



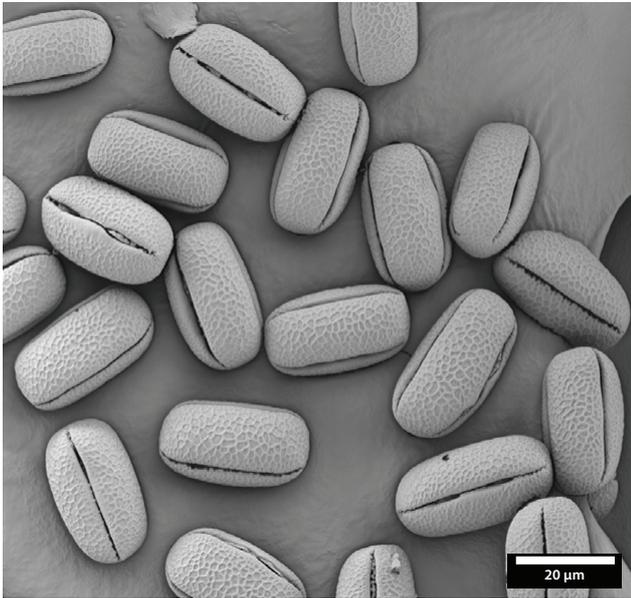
SEM: Pollen Grains (Lily)

Particles on stub
BSE. Gold coated



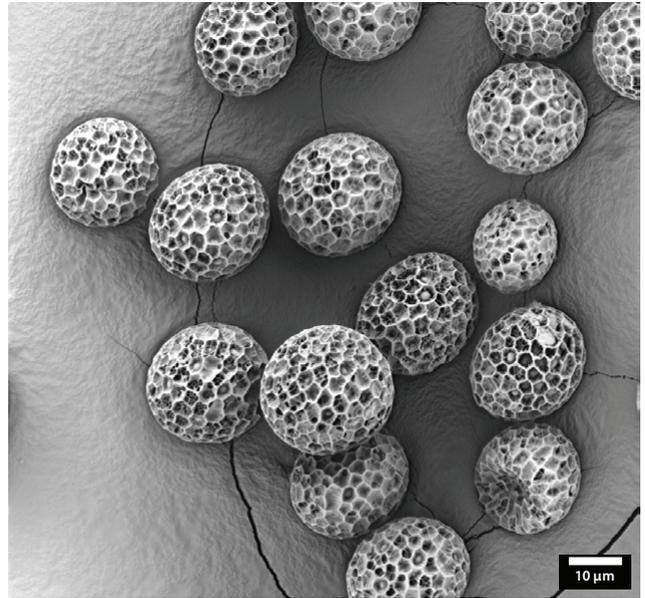
SEM: Pollen Grains (Chicory)

Particles on stub
BSE. Gold coated



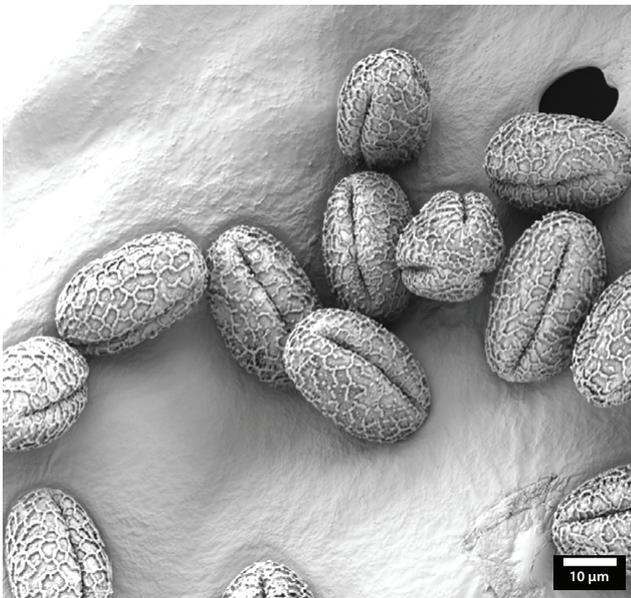
SEM: Pollen Grains (Lupine)

Particles on stub
BSE. Gold coated



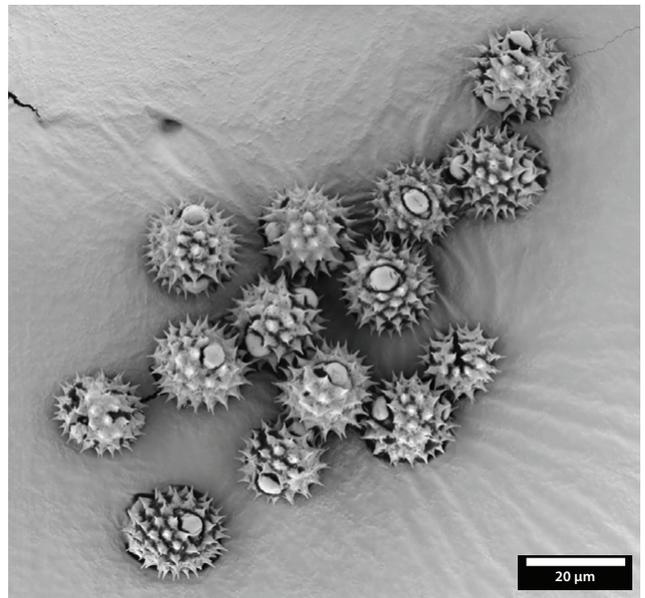
SEM: Pollen Grains (Phlox)

Particles on stub
BSE. Gold coated



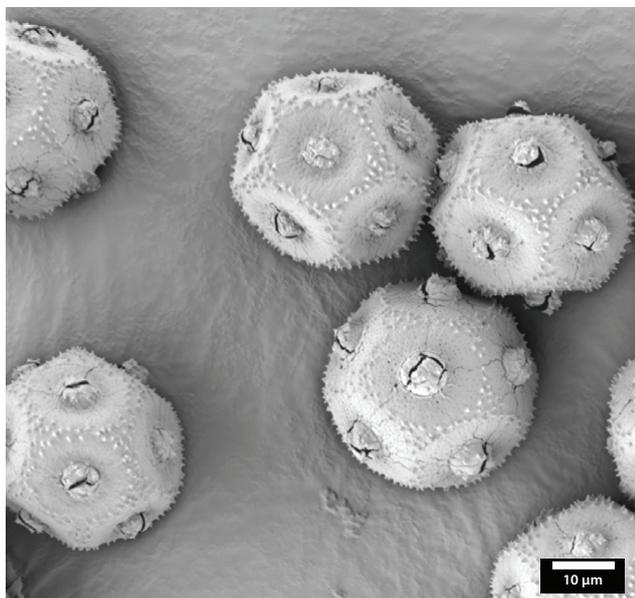
SEM: Pollen Grains (Viburnum)

Particles on stub
BSE. Gold coated



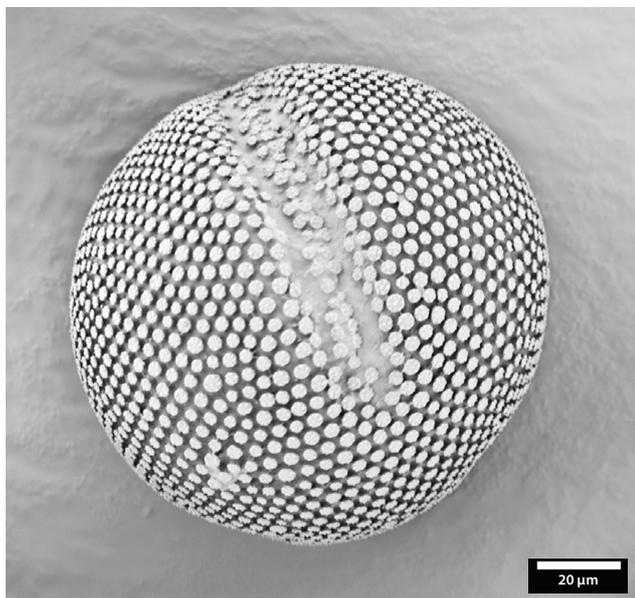
SEM: Pollen Grains (Daisy)

Particles on stub
BSE. Gold coated



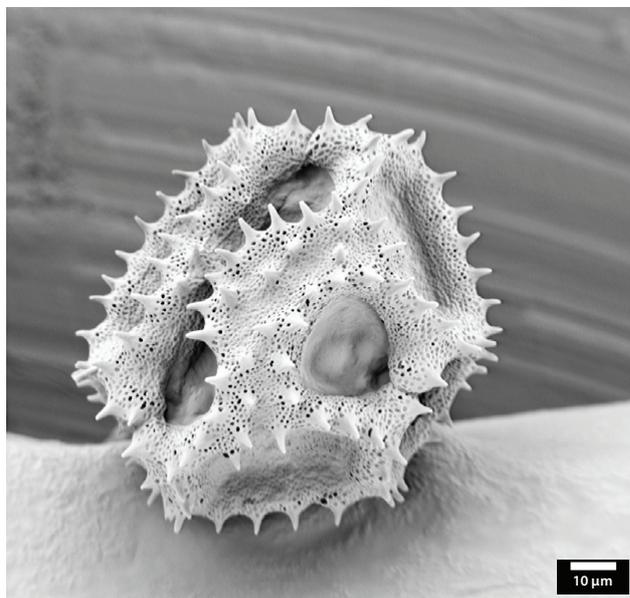
SEM: Pollen grains (Rabelera)

Particles on stub
BSE. Gold coated



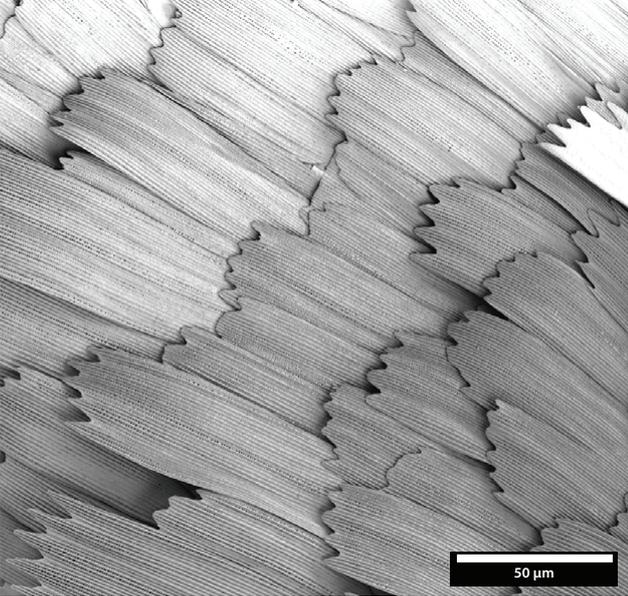
**SEM: Pollen Grains
(Linum Grandiflorum)**

Particles on stub
BSE. Gold coated



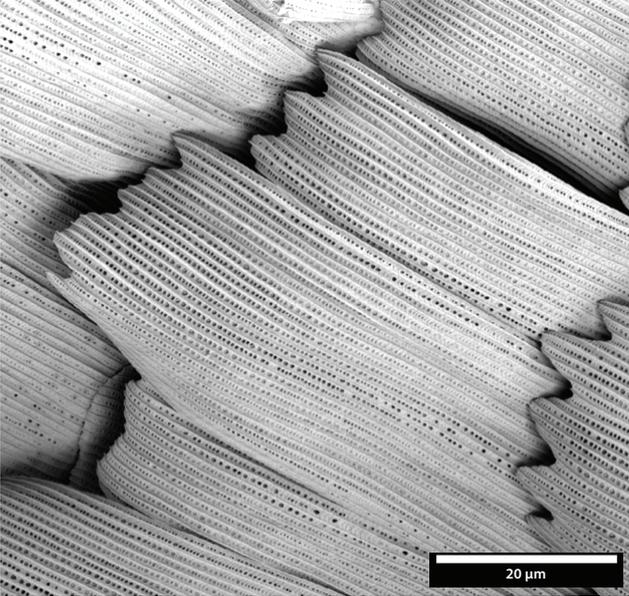
**SEM: Pollen Grains (Dandelion,
Taraxacum Officinale)**

Particles on stub
BSE. Gold coated



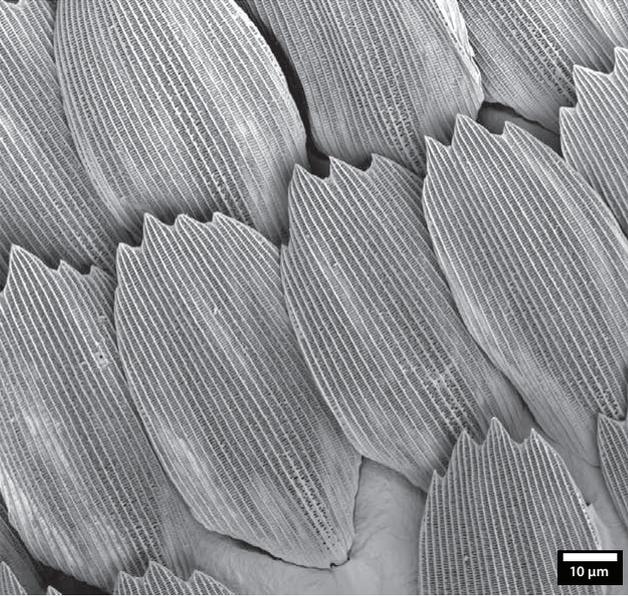
SEM: Butterfly Wing

Sample on stub
BSE. Gold coated



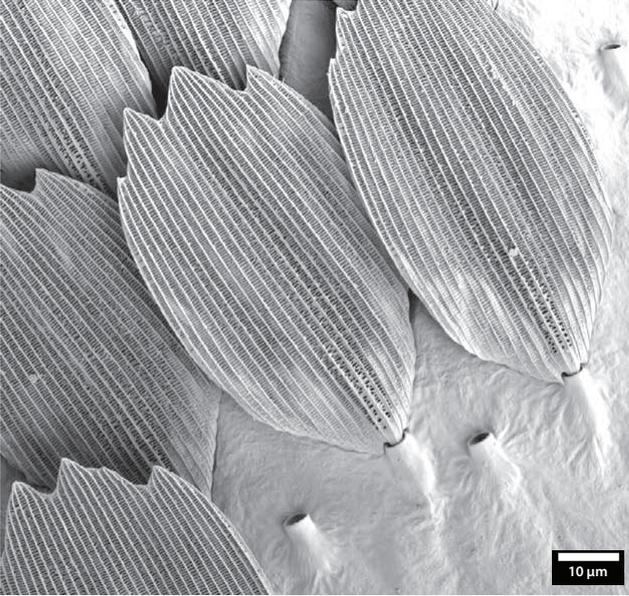
SEM: Butterfly Wing

Sample on stub
BSE. Gold coated



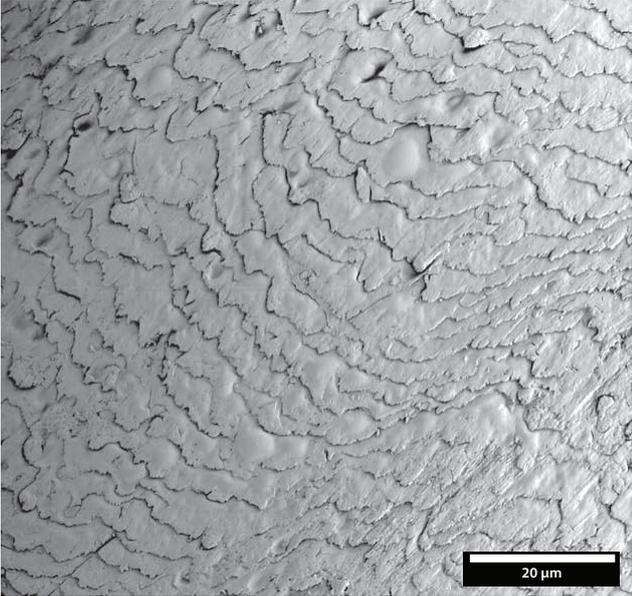
SEM: Butterfly Wing

Sample on stub
BSE. Gold coated



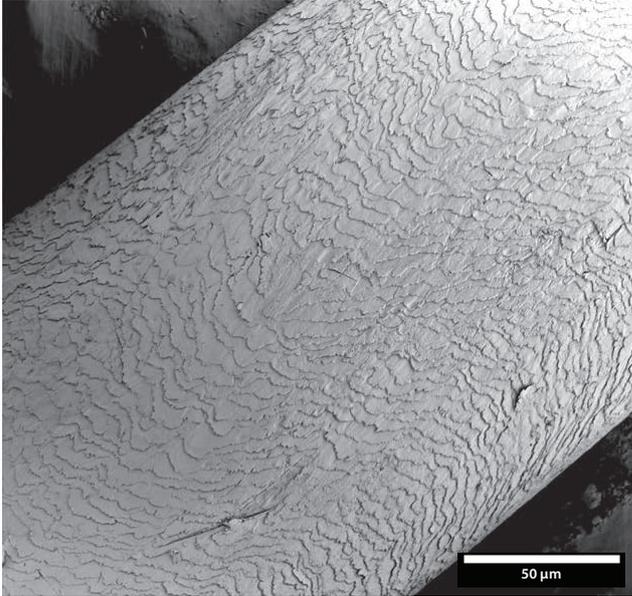
SEM: Butterfly Wing

Sample on stub
BSE. Gold coated



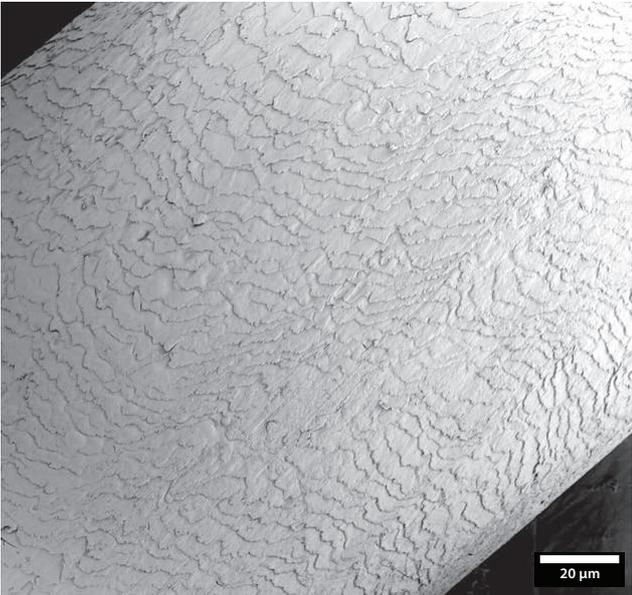
SEM: Hair (Horse Tail)

Sample on stub
BSE. Gold coated



SEM: Hair (Horse Tail)

Sample on stub
BSE. Gold coated



SEM: Hair (Horse Tail)

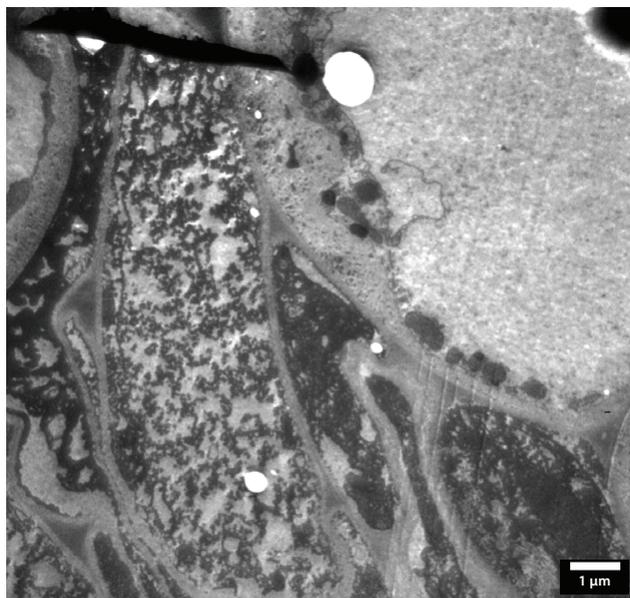
Sample on stub
BSE. Gold coated



TEM: Tobacco Plant

Sample on stub

Stained section with OsO₄, 20 nm



TEM: Tobacco Plant

Sample on stub

Stained section with OsO₄, 20 nm