Neri Oxman, American, born Israel, 1976
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Cartesian Wax, from the Material Ecology project, 2007
Rhinoceros and Generative Components software; ultra low viscosity urethane rubber, semi rigid polyurethane casting resin composite, and machinable wax
60 × 48 × 2" (152.4 × 121.9 × 5.1 cm)

Neri Oxman, American, born Israel, 1976
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Subterrain, from the Material Ecology project, 2007
Coded FEA, Rhinoceros, and Generative Components software; CNC milled laminated oak and cherry wood
.a (leaf section): 20 x 20 x 2 1/4" (50.8 x 50.8 x 5.7 cm)
.b (scorpion paw): 20 x 20 x 2 1/4" (50.8 x 50.8 x 5.7 cm)
.c (butterfly wing): 20 x 20 x 2 1/4" (50.8 x 50.8 x 5.7 cm)

Neri Oxman, American, born Israel, 1976
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Armour, 2007
3D printed multicolored Vero acrylic polymer
17 1/2 × 7 1/2 × 5" (44.5 × 19.1 × 12.7 cm)

Neri Oxman, American, born Israel, 1976
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Raycounting, from the Material Ecology project, 2007
3D printed Vero acrylic polymer
.a: 17 × 11 × 10" (43.2 × 27.9 × 25.4 cm)
.b: 19 1/2 × 10 × 6 1/2" (49.5 × 25.4 × 16.5 cm)
.c: 19 3/16 × 10 × 6" (48.7 × 25.4 × 15.2 cm)
Neri Oxman, American, born Israel, 1976
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Monocoque, from the Materialecology project, 2007
3D printed multicolored Vero acrylic polymer
.a: 13 × 7 1/4 × 8" (33 × 18.4 × 20.3 cm)
.b: 13 × 7 1/4 × 8" (33 × 18.4 × 20.3 cm)
.c: 3 1/4 × 14 × 5" (8.3 × 35.6 × 12.7 cm)

Neri Oxman, American, born Israel, 1976
Massachusetts Institute of Technology
Beast, 2008–2010
photopolymers
19 3/16 × 10 × 6" (48.7 × 25.4 × 15.2 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
W. Craig Carter, American, born 1961
Imaginary Beings (Arachne), 2012
3D printed multicolored Vero acrylic polymer
29 3/4 × 20 × 14 1/2" (75.6 × 50.8 × 36.8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Imaginary Beings (Daphne), 2012
3D printed multicolored Vero acrylic polymer
7 1/2 × 7 1/2 × 8 1/2" (19.1 × 19.1 × 21.6 cm)
Neri Oxman: Material Ecology, Checklist Feb. 20 2020

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
W. Craig Carter, American, born 1961
Imaginary Beings (Doppelganger), 2012
3D printed multicolored Vero acrylic polymer
20 1/2 × 17 1/2 × 11 1/2" (52.1 × 44.5 × 29.2 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
W. Craig Carter, American, born 1961
Imaginary Beings (Gravida), 2012
3D printed multicolored Vero acrylic polymer
15 1/2 × 11 1/2 × 12" (39.4 × 29.2 × 30.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
W. Craig Carter, American, born 1961
Imaginary Beings (Medusa 2), 2012
3D printed multicolored Vero acrylic polymer
12 1/2 × 11 × 7 1/2" (31.8 × 27.9 × 19.1 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
W. Craig Carter, American, born 1961
Joe Hicklin, American, born 1959
Turlif Vilbrandt, American, born 1968
Imaginary Beings (Minotaur Head with Lamella), 2012
3D printed multicolored Vero acrylic polymer
7 × 10 × 11" (17.8 × 25.4 × 27.9 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
W. Craig Carter, American, born 1961
Imaginary Beings (Minotaur Head with Sutures), 2012
3D printed multicolored Vero acrylic polymer
7 3/4 × 10 × 12" (19.7 × 25.4 × 30.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers: Lazarus, 2016
3D printed multicolored Vero acrylic polymer
approx. 16 1/8 × 22 3/8 × 9 3/16" (40.9 × 56.9 × 23.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 1 Series 1, 2018
Synthetic polymer printed on a Stratasys Full-color Multi-material J750 3D Printer
13 3/4 × 13 3/4 × 10 7/16" (35 × 35 × 26.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 2 Series 1, 2018
Synthetic polymer printed on a Stratasys Full-color Multi-material J750 3D Printer
10 7/16 × 12 1/4 × 10 5/16" (26.5 × 31.1 × 26.2 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 3 Series 1, 2018
Synthetic polymer printed on a Stratasys Full-color Multi-material J750 3D Printer
14 3/4 × 16 5/8 × 10 13/16” (37.4 × 42.3 × 27.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 4 Series 1, 2018
Synthetic polymer printed on a Stratasys Full-color Multi-material J750 3D Printer
10 11/16 × 14 1/16 × 11 7/16” (27.2 × 35.7 × 29 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 5 Series 1, 2018
Synthetic polymer printed on a Stratasys Full-color Multi-material J750 3D Printer
16 1/8 × 22 3/8 × 9 3/16” (40.9 × 56.9 × 23.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 1 Series 2, 2018
Synthetic polymer printed on a Stratasys Objet500™ Connex3 Color Multi-material 3D Production System
13 3/8 × 14 9/16 × 7 13/16” (34 × 37 × 19.8 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 2 Series 2, 2018
Synthetic polymer printed on a Stratasys Objet500™ Connex3 Color Multi-material 3D Production System
10 3/8 × 7 7/8 × 13 5/16" (26.4 × 20 × 33.8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 3 Series 2, 2018
Synthetic polymer printed on a Stratasys Objet500™ Connex3 Color Multi-material 3D Production System
13 7/16 × 15 15/16 × 8 11/16" (34.1 × 40.5 × 22.1 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 4 Series 2, 2018
Synthetic polymer printed on a Stratasys Objet500™ Connex3 Color Multi-material 3D Production System
10 11/16 × 15 1/16 × 7 3/4" (27.2 × 38.2 × 19.7 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 5 Series 2, 2018
Synthetic polymer printed on a Stratasys Objet500™ Connex3 Color Multi-material 3D Production System
15 5/16 × 19 9/16 × 10 3/16" (38.9 × 49.7 × 25.9 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 1 Series 3, 2018
Photopolymer Resins (RGD835, SUP705), E. coli bacteria, Hydrogel, Nutrient Media, Chemical Signal, Clear Coat Varnish.
9 5/8 × 6 1/8 × 4 5/16" (24.4 × 15.5 × 11 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 2 Series 3, 2018
Photopolymer Resins (RGD835, SUP705), E. coli bacteria, Hydrogel, Nutrient Media, Chemical Signal, Clear Coat Varnish.
9 5/8 × 6 1/8 × 4 5/16" (24.4 × 15.5 × 11 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 3 Series 3, 2018
Photopolymer Resins (RGD835, SUP705), E. coli bacteria, Hydrogel, Nutrient Media, Chemical Signal, Clear Coat Varnish.
8 1/4 × 5 7/8 × 3 15/16" (21 × 15 × 10 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 4 Series 3, 2018
Photopolymer Resins (RGD835, SUP705), E. coli bacteria, Hydrogel, Nutrient Media, Chemical Signal, Clear Coat Varnish.
9 15/16 × 6 1/4 × 4 1/2" (25.2 × 15.8 × 11.5 cm)
Neri Oxman: Material Ecology, Checklist Feb. 20 2020

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers Mask 5 Series 3, 2018
Photopolymer Resins (RGD835, SUP705), E. coli bacteria, Hydrogel,
Nutrient Media, Chemical Signal, Clear Coat Varnish.
15 15/16 × 7 5/16 × 4 3/16" (40.5 × 18.6 × 10.6 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Vespers III Video, 2018
3 min 33 sec

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 1,
Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836; RGD810;
1 9/16 × 3/8 × 3 1/4" (4 × 0.9 × 8.2 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 2,
Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836; RGD810;
1 9/16 × 3/16 × 3 1/4" (4 × 0.4 × 8.2 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 3,
Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836; RGD810
3 15/16 × 1 3/4 × 3 3/4" (10 × 4.5 × 9.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 10,
Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel, Nutrient Media, Chemical Signal, Clear Coat Varnish
4 × 2 1/8 × 13/16" (10.1 × 5.4 × 2 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 11,
Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel, Nutrient Media, Chemical Signal, Clear Coat Varnish
6 1/8 × 9 7/16 × 4 5/16" (15.5 × 24 × 11 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 12,
Photopolymer Resins; FLX 935; RGD835; SUP705
3 1/8 × 3 1/8 × 1 9/16" (8 × 8 × 4 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 13,
Photopolymer Resins; RGD810; RGD835; RGD875; RGD843 ;RGD851; RGD836; RGD810
4 3/16 × 4 1/2 × 1 3/8" (10.6 × 11.5 × 3.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 14,
Photopolymer Resins; FLX 935; RGD835; SUP705
3 1/8 × 3 1/8 × 1 9/16" (8 × 8 × 4 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 15,
Photopolymer Resins; RGD810; RGD835; RGD875; RGD843 ;RGD851; RGD836; RGD810
2 3/4 × 2 9/16 × 4 5/16" (7 × 6.5 × 11 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 16,
Photopolymer Resins; FLX 935; RGD835; SUP705
4 5/16 × 3 3/4 × 1 15/16" (11 × 9.5 × 5 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 17,
Photopolymer Resins; RGD810; RGD835; RGD875; RGD843; RGD851; RGD836; RGD810
4 3/4 × 4 3/4 × 2 3/8" (12 × 12 × 6 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 18,
Photopolymer Resins; RGD810; RGD835; RGD875; RGD843; RGD851; RGD836; RGD810
5 5/16 × 2 15/16 × 9/16" (13.5 × 7.5 × 1.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 19,
Photopolymer Resins; RGD810
3 1/8 × 3/16 × 3/16" (8 × 2 × 0.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 20,
Photopolymers Resins; RGD810; RGD835
2 15/16 × 1 9/16 × 1 9/16" (7.5 × 4 × 4 cm)
Neri Oxman: Material Ecology, Checklist Feb. 20 2020

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 21,
Photopolymers Resin; RGD810; RGD835
2 15/16 × 1 9/16 × 1 9/16" (7.5 × 4 × 4 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 22,
Photopolymer Resins; RGD810; RGD835; RGD875; RGD843; RGD851; RGD836; RGD810
3 5/8 × 11/16 × 3" (9.2 × 1.7 × 7.6 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 23,
Photopolymer Resins; RGD 835; RGD875
13/16 × 13/16 × 3 15/16" (2 × 2 × 10 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 24,
Photopolymer Resins; RGD 835; RGD876
13/16 × 13/16 × 3 15/16" (2 × 2 × 10 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 25,
Photopolymer Resins; RGD810; RGD835; RGD875; RGD843; RGD851; RGD836; RGD810
3 1/8 × 2 3/16 × 1 3/16" (8 × 5.5 × 3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 26,
Photopolymer Resins; RGD810; RGD835; RGD843
5 1/8 × 5 1/8 × 9/16" (13 × 13 × 1.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 27,
Photopolymers Resins; RGD810; RGD835
2 3/4 × 1 15/16 × 1 3/16" (7 × 5 × 3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 28,
Photopolymer Resins; RGD810; FLX 935;
3 1/8 × 3 1/8 × 9/16" (8 × 8 × 1.5 cm)
Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  

Vespers Sample 29,  
Photopolymer Resins; RGD810; FLX 935;  
3 1/8 × 3 1/8 × 13/16" (8 × 8 × 2.1 cm)

Vespers Sample 30,  
Photopolymer Resins; RGD810; RGD835; RGD843  
3 1/8 × 3 1/8 × 13/16" (8 × 8 × 2.1 cm)

Vespers Sample 31,  
Photopolymer Resins; RGD810; FLX 935; SUP705  
3 1/8 × 3 1/8 × 9/16" (8 × 8 × 1.5 cm)

Vespers Sample 32,  
Photopolymer Resins; RGD810; FLX930; SUP705  
13/16 × 13/16 × 13/16" (2 × 2 × 2 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 33,
Photopolymer Resins; RGD810; FLX930; SUP705
9/16 × 9/16 × 3 1/8" (1.5 × 1.5 × 8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 34,
Photopolymer Resins; RGD810; FLX930; SUP706
9/16 × 9/16 × 3 1/8" (1.5 × 1.5 × 8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 35,
Photopolymer Resins; RGD810; FLX930; SUP707
9/16 × 9/16 × 3 1/8" (1.5 × 1.5 × 8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 36,
Photopolymer Resins; RGD810; RGD836; RGD841; RGD851
3 13/16 × 1 15/16 × 2 5/8" (9.7 × 5 × 6.7 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 37,
Photopolymer Resins; FLX973; RGD875
5 7/8 × 5 7/8 × 11/16" (15 × 15 × 1.7 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 38,
Photopolymer Resins; RGD835; RGD875; RGD843; RGD851; RGD836; RGD810
4 3/4 × 4 3/4 × 2 3/8" (12 × 12 × 6 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 39.1,
Photopolymer Resins; RGD835; RGD875; RGD843; RGD851; RGD836; RGD810
3 1/8 × 1 9/16" (8 × 4 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 39.2,
Photopolymer Resins; RGD835; RGD875; RGD843; RGD851; RGD836; RGD810
3 1/8 × 1 9/16" (8 × 4 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 4,
Photopolymer Resins; RGD835; RGD875; RGD843; RGD851; RGD836; RGD812; RGD810
7/8 × 2 3/16 × 7/16" (2.3 × 5.6 × 1.1 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 40.1,
Photopolymer Resins; RGD835; RGD875; RGD843; RGD851; RGD836; RGD810
3 1/8 × 1 9/16" (8 × 4 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 40.2,
Photopolymer Resins; RGD835; RGD875; RGD843; RGD851; RGD836; RGD810
3 1/8 × 1 9/16" (8 × 4 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Vespers Sample 41,
Photopolymer Resins; RGD835; RGD875; RGD843; RGD851; RGD836; RGD810
4 3/4 × 4 3/4 × 2 3/8" (12 × 12 × 6 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 5,
Photopolymer Resins; RGD810; RGD835
4 3/4 × 1 3/16 × 1 9/16" (12 × 3 × 4 cm)

Vespers Sample 6,
Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel,
Nutrient Media, Chemical Signal, Clear Coat Varnish
5 7/8 × 1 9/16 × 3/16" (15 × 4 × 0.4 cm)

Vespers Sample 7,
Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel,
Nutrient Media, Chemical Signal, Clear Coat Varnish
6 5/16 × 10 1/16 × 4 3/4" (16 × 25.5 × 12 cm)

Vespers Sample 8,
Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel,
Nutrient Media, Chemical Signal, Clear Coat Varnish
5 7/8 × 1 9/16 × 3/16" (15 × 4 × 0.4 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Vespers Sample 9,
Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel,
Nutrient Media, Chemical Signal, Clear Coat Varnish
6 1/8 × 9 7/16 × 4 5/16" (15.5 × 24 × 11 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Totems 1, 2019
Photopolymer; water, enzyme, substrate, melanin
12.33 ft, 5 7/8 × 5 7/8" (375.8 × 15 × 15 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Totems 2, 2019
Photopolymer; water, enzyme, substrate, melanin
12.33 ft, 5 7/8 × 5 7/8" (375.8 × 15 × 15 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology

Totems 3, 2019
Photopolymer; water, enzyme, substrate, melanin
12 5/16 × 5 7/8 × 5 7/8" (31.3 × 15 × 15 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Totems Video, 2019
4 min 6 sec

Eric de Broche des Combes

Totems Rendering, 2019

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Totems Sample 1,
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol
4 3/4 × 2 3/8" (12 × 6 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Totems Sample 10,
Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836; RGD810
1 15/16 × 3 15/16" (5 × 10 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Totems Sample 11,
Photopolymer Resin RGD810; squid ink melanin, polyethylene glycol
1 9/16 × 1 9/16 × 3/8" (4 × 4 × 1 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Totems Sample 12,
Photopolymer Resin RGD810; squid ink melanin, bird feather melanin, polyethylene glycol
9 1/16 × 9 1/16 × 1 15/16" (23 × 23 × 5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Totems Sample 13,
White concrete; glass; mushroom enzymes; tyrosine; cysteine; sodium phosphate buffer; feathers, hair, squid ink
13 11/16 × 13 11/16 × 3 1/8" (34.8 × 34.8 × 8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Totems Sample 2,
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol
4 3/4 × 2 3/8" (12 × 6 cm)
Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Totems Sample 3,  
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol  
3 1/8 × 1 9/16" (8 × 4 cm)

Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Totems Sample 4,  
Photopolymer Resin RGD810; melanin from squid ink; polyethylene glycol  
1 9/16 × 13/16" (4 × 2 cm)

Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Totems Sample 5,  
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol  
3 1/8 × 1 9/16" (8 × 4 cm)

Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Totems Sample 6,  
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol  
13/16 × 1 9/16" (2 × 4 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

- Totems Sample 7,
  Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol
  2 3/8 × 4 3/4" (6 × 12 cm)

- Totems Sample 8,
  Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol
  2 3/8 × 4 3/4" (6 × 12 cm)

- Totems Sample 9,
  Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol
  2 3/8 × 4 3/4" (6 × 12 cm)

- Glass II, 2017
  3D printed glass
  118 1/8 × 11 13/16" (300 × 30 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II, 2017
3D printed glass
118 1/8 × 11 13/16" (300 × 30 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II Video, 2017
5 min 26 sec
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - "B4", 2017–2018
3D printed glass
7 3/4 × 8 1/4" (19.7 × 21 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - "C14", 2017–2018
3D printed glass
8 × 6 × 5 3/4" (20.3 × 15.2 × 14.6 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - "D16", 2017–2018
3D printed glass
9 3/4 × 10 × 10" (24.8 × 25.4 × 25.4 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - "E23", 2017–2018
3D printed glass
8 × 8 × 8" (20.3 × 20.3 × 20.3 cm)
Neri Oxman: Material Ecology, Checklist Feb. 20 2020

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - “F10”, 2017–2018
3D printed glass
6 3/4 × 8” (17.1 × 20.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - “MoMA 1”, 2017–2018
3D printed glass
12 × 12 × 9” (30.5 × 30.5 × 22.9 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - “MoMA 2” Part 1, 2017–2018
3D printed glass
12 × 12 × 12” (30.5 × 30.5 × 30.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - “MoMA 2” Part 2, 2017–2018
3D printed glass
6 × 6” (15.2 × 15.2 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - "MoMA 3", 2017–2018
3D printed glass
7 1/2 × 9 × 7 1/2" (19.1 × 22.9 × 19.1 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - "MoMA 4", 2017–2018
3D printed glass
4 × 8" (10.2 × 20.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - "MoMA 5", 2017–2018
3D printed glass
8 3/4 × 8 1/4" (22.2 × 21 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass II section - "MoMA 6", 2017–2018
3D printed glass
8 1/4 × 8 1/4" (21 × 21 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass-Printed Blown Object 1, 2019
3D printed glass
5" x 2.5" x 6.25"

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Glass-Printed Blown Object 2, 2019
3D printed glass
12.25" x 10.5" x 6.25"

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Silk Pavilion II, 2020
Steinless steel and silk threads

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Silk I Video,
6 min 18 sec
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Silk Sample 1,
Silk, acrylic board
4 × 4 × 1" (10.2 × 10.2 × 2.5 cm)

Silk Sample 10,
Silk, acrylic board
4 × 4 × 2 3/4" (10.2 × 10.2 × 7 cm)

Silk Sample 11,
silk, acrylic board, heat resistors
6 × 6 × 2 1/4" (15.2 × 15.2 × 5.7 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Silk Sample 12,
silkworm cocoons from multiple strands

Silk Sample 13,
silk, mesh (dissolved)
20 × 12" (50.8 × 30.5 cm)

Silk Sample 14,
silk, handwoven cotton gauze
12 × 12" (30.5 × 30.5 cm)

Silk Sample 15,
silk, acrylic board, polycarbonate
6 × 6 × 6" (15.2 × 15.2 × 15.2 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Silk Sample 16,
silk, acrylic board, polycarbonate
6 × 6 × 6" (15.2 × 15.2 × 15.2 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Silk Sample 17,
silk, acrylic board, polycarbonate
6 × 6 × 6" (15.2 × 15.2 × 15.2 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Silk Sample 18,
silk, acrylic board, polycarbonate
6 × 6 × 6" (15.2 × 15.2 × 15.2 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Silk Sample 19,
silk, acrylic board, polycarbonate
6 × 6 × 6" (15.2 × 15.2 × 15.2 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Silk Sample 2,
Silk, acrylic board
4 × 4 × 1" (10.2 × 10.2 × 2.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Silk Sample 20,
silk, acrylic
4 × 4 × 6 1/4" (10.2 × 10.2 × 15.9 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Silk Sample 21,
silk, dissolvable thread, acrylic board, polycarbonate
6 × 6 × 5 1/2" (15.2 × 15.2 × 14 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Silk Sample 22,
silk, handwoven cotton, aluminum frames, rotary motor
13 1/2 × 13 1/2 × 13 1/2" (34.3 × 34.3 × 34.3 cm)
Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  

Silk Sample 23,  
silk, handwoven cotton, aluminium frame  
12 × 12" (30.5 × 30.5 cm) without frame  
17 × 20 × 4" (43.2 × 50.8 × 10.2 cm) with frame

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Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  

Silk Sample 24,  
Dissolvable mesh knit  
14 × 14 × 4" (35.6 × 35.6 × 10.2 cm)

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Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  

Silk Sample 25,  
silk, mesh (dissolved), metal frame  
15 × 15 × 2" (38.1 × 38.1 × 5.1 cm)

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Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology  

Silk Sample 26,  
Silk, Stainless steel frame  
40 × 40" (101.6 × 101.6 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology
Silk Sample 27,
Silk, Stainless steel frame
40 × 40" (101.6 × 101.6 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology
Silk Sample 28,
Silk, dissolvable knit, stainless steel frame
20 × 20" (50.8 × 50.8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Silk Sample 28, 2019

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology
Silk Sample 29,
Silk, dissolvable knit, stainless steel frame
40 × 40" (101.6 × 101.6 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Silk Sample 29.

Silk Sample 3,
Silk, acrylic board
4 × 4 × 1” (10.2 × 10.2 × 2.5 cm)

Silk Sample 30,
Silk, dissolvable knit, plastick hoops
110 × 30” (279.4 × 76.2 cm)

Silk Sample 4,
Silk, acrylic board
4 × 4 × 1” (10.2 × 10.2 × 2.5 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Silk Sample 5,
Silk, acrylic board
4 × 4 × 1" (10.2 × 10.2 × 2.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Silk Sample 6,
Silk, acrylic board
4 × 4 × 1" (10.2 × 10.2 × 2.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Silk Sample 7,
Silk, acrylic board
4 × 4 × 1" (10.2 × 10.2 × 2.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Silk Sample 8,
Silk, acrylic board
4 × 4 × 2 3/4" (10.2 × 10.2 × 7 cm)
Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Silk Sample 9,  
Silk, acrylic board  
4 × 4 × 2 3/4" (10.2 × 10.2 × 7 cm)

Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Aguahoja, 2019  
Biopolymer composites (chitosan)

Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Aguahoja Video, 2018  
4 min 52 sec

Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Stratasys  
Aguahoja Sample 1,  
Apple pectin, vegetable glycerin, chitosan (85% deacytelated), squid-ink melanin, turmeric  
2 1/2 × 3 5/8 × 7/16" (6.4 × 9.2 × 1.1 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 10,
Apple pectin, vegetable glycerin, chitosan (85% deacetylated), beetroot, turmeric, methylcellulose, activated charcoal
5 1/16 × 5 3/4 × 11/16" (12.8 × 14.6 × 1.7 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 11,
Apple pectin, chitosan (85% deacetylated), beetroot, turmeric, acetic acid
4 15/16 × 5 3/8 × 9/16" (12.6 × 13.7 × 1.4 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 12,
Apple pectin, chitosan (85% deacetylated), vegetable glycerine, wood-pulp cellulose, acetic acid
5 5/16 × 8 1/8 × 1 7/8" (13.5 × 20.6 × 4.8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 13,
Apple pectin, chitosan (85% deacetylated), vegetable glycerin, wood-pulp cellulose, acetic acid
7 × 5 1/4 × 7/8" (17.8 × 13.3 × 2.3 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoa Sample 15,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, microcrystalline cellulose, acetic acid
3 5/16 × 3 3/8 × 13/16" (8.4 × 8.6 × 2 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoa Sample 16,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
3 × 6 × 2 5/8" (7.6 × 15.2 × 6.7 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoa Sample 17,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid, thermochromic guanine pigment
4 3/4 × 5 1/4 × 5/16" (12 × 13.3 × 0.8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoa Sample 2,
Apple pectin, vegetable glycerin, chitosan (85% deacytelated), squid-ink melanin, turmeric
2 3/4 × 3 11/16 × 7/16" (7 × 9.4 × 1.1 cm)
Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Stratasys  
Aguahoeja Sample 27,  
Chitosan (85% deacetylated), acetic acid  
5 × 6 7/8 × 3 7/16" (12.7 × 17.4 × 8.8 cm)

Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Stratasys  
Aguahoeja Sample 28,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid  
4 5/8 × 6 15/16 × 1 1/4" (11.8 × 17.7 × 3.1 cm)

Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Stratasys  
Aguahoeja Sample 29,  
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid  
7 × 7 3/16 × 4 3/16" (17.8 × 18.2 × 10.6 cm)

Neri Oxman, American, born Israel, 1976  
Mediated Matter Group, est. 2010  
Massachusetts Institute of Technology, Cambridge, MA, est. 1861  
Stratasys  
Aguahoeja Sample 3,  
Apple pectin, vegetable glycerin, chitosan (85% deacytelated), squid-ink melanin, turmeric  
2 3/4 × 3 3/4 × 5/16" (7 × 9.6 × 0.8 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 30,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
5 1/16 × 10 × 4" (12.9 × 25.4 × 10.1 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 31,
Chitosan (85% deacytelated), acetic acid
6 5/8 × 41 × 6" (16.8 × 104.1 × 15.2 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 36,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
8 × 4 × 1 1/2" (20.3 × 10.2 × 3.8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 37,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
4 × 4 × 1/8" (10.2 × 10.2 × 0.3 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 38,
Apple pectin, chitosan (85% deacetylated), vegetable glycerine, wood-pulp
cellulose, acetic acid
4 × 4 × 1/8” (10.2 × 10.2 × 0.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 39,
Apple pectin, chitosan (85% deacetylated), vegetable glycerine, wood-pulp
cellulose, acetic acid
6 1/2 × 5 1/2 × 1/8” (16.5 × 14 × 0.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 4,
Apple pectin, vegetable glycerin, chitosan (85% deacetylated), squid-ink
melanin, turmeric
2 5/8 × 3 11/16 × 7/16” (6.7 × 9.4 × 1.1 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 40,
Apple pectin, chitosan (85% deacetylated), vegetable glycerine, acetic acid
5 1/2 × 4 1/2 × 1” (14 × 11.4 × 2.5 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861

Aguahoya Sample 41.1,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
20 × 8 × 1 1/2" (50.8 × 20.3 × 3.8 cm)

Aguahoya Sample 41.2,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
20 × 8 × 1 1/2" (50.8 × 20.3 × 3.8 cm)

Aguahoya Sample 41.3

Aguahoya Sample 41.4
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology

Aguahoja Sample 41.5,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
20 × 8 × 1 1/2” (50.8 × 20.3 × 3.8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys

Aguahoja Sample 43,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
4 1/2 × 4 1/2 × 1” (11.4 × 11.4 × 2.5 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys

Aguahoja Sample 44,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
8 1/2 × 4 × 2” (21.6 × 10.2 × 5.1 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys

Aguahoja Sample 45,
Chitosan(85% deacetylated), acetic acid
8 1/2 × 7 × 1” (21.6 × 17.8 × 2.5 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 46,
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,
acetic acid
7 3/16 × 11 × 1/8" (18.3 × 27.9 × 0.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 47,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp
cellulose, acetic acid
4 1/2 × 4 1/2 × 1/8" (11.4 × 11.4 × 0.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 48,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp
cellulose, acetic acid
4 1/2 × 4 1/2 × 1/8" (11.4 × 11.4 × 0.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 49,
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,
acetic acid
7 1/4 × 12 × 1/16" (18.4 × 30.5 × 0.1 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 5,
Apple pectin, vegetable glycerin, chitosan (85% deacytelated), beetroot, turmeric, wood-pulp cellulose
5 × 5 11/16 × 11/16" (12.7 × 14.4 × 1.8 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 50,
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
7 1/4 × 12 × 1/16" (18.4 × 30.5 × 0.1 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 51,
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
7 1/4 × 12 × 1/8" (18.4 × 30.5 × 0.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 52,
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid
7 1/4 × 12 × 1/8" (18.4 × 30.5 × 0.3 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 53,
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,
acetic acid
7 1/4 × 12 × 1/8" (18.4 × 30.5 × 0.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 54,
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,
acetic acid
7 1/4 × 12 × 1/8" (18.4 × 30.5 × 0.3 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 55,
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,
acetic acid
7 1/4 × 12 × 1/16" (18.4 × 30.5 × 0.1 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 56,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,
acetic acid
46 × 7 × 4" (116.8 × 17.8 × 10.2 cm)
Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 57,
Beeswax, copal
3 × 2 1/2 × 2 1/2" (7.6 × 6.4 × 6.4 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Aguahoja Sample 58.1-65,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid, medim density fiberboard
24 × 24 × 3 1/2" (61 × 61 × 8.9 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Aguahoja Sample 59.1-117,
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid, medim density fiberboard
24 × 24 × 3 1/2" (61 × 61 × 8.9 cm)

Neri Oxman, American, born Israel, 1976
Mediated Matter Group, est. 2010
Massachusetts Institute of Technology, Cambridge, MA, est. 1861
Stratasys
Aguahoja Sample 6,
Apple pectin, vegetable glycerin, chitosan (85% deacetylated), beetroot, turmeric, wood-pulp cellulose
4 15/16 × 5 11/16 × 13/16" (12.6 × 14.5 × 2 cm)
Aguahoja Sample 7,
Apple pectin, vegetable glycerin, chitosan (85% deacytelated), beetroot, turmeric, methylcellulose, kadmium, alginate
5 3/16 × 5 5/8 × 7/16" (13.1 × 14.3 × 1.1 cm)

Aguahoja Sample 8,
Apple pectin, vegetable glycerin, chitosan (85% deacytelated), beetroot, turmeric, microcrystaline cellulose, activated charcoal
5 3/8 × 5 13/16 × 11/16" (13.7 × 14.8 × 1.7 cm)

Aguahoja Sample 9,
Apple pectin, vegetable glycerin, chitosan (85% deacytelated), beetroot, turmeric, methylcellulose, activated charcoal
5 3/16 × 5 3/4 × 5/8" (13.1 × 14.6 × 1.6 cm)