

# REF2014

## Unit of Assessment 34

Dr Sarah O'Hana

*Patterning on the Micro Scale*  
Wearable jewellery objects  
*Signs of Change: Jewellery*  
*designed to make a better world*  
group exhibition  
Form Gallery, Perth, Australia

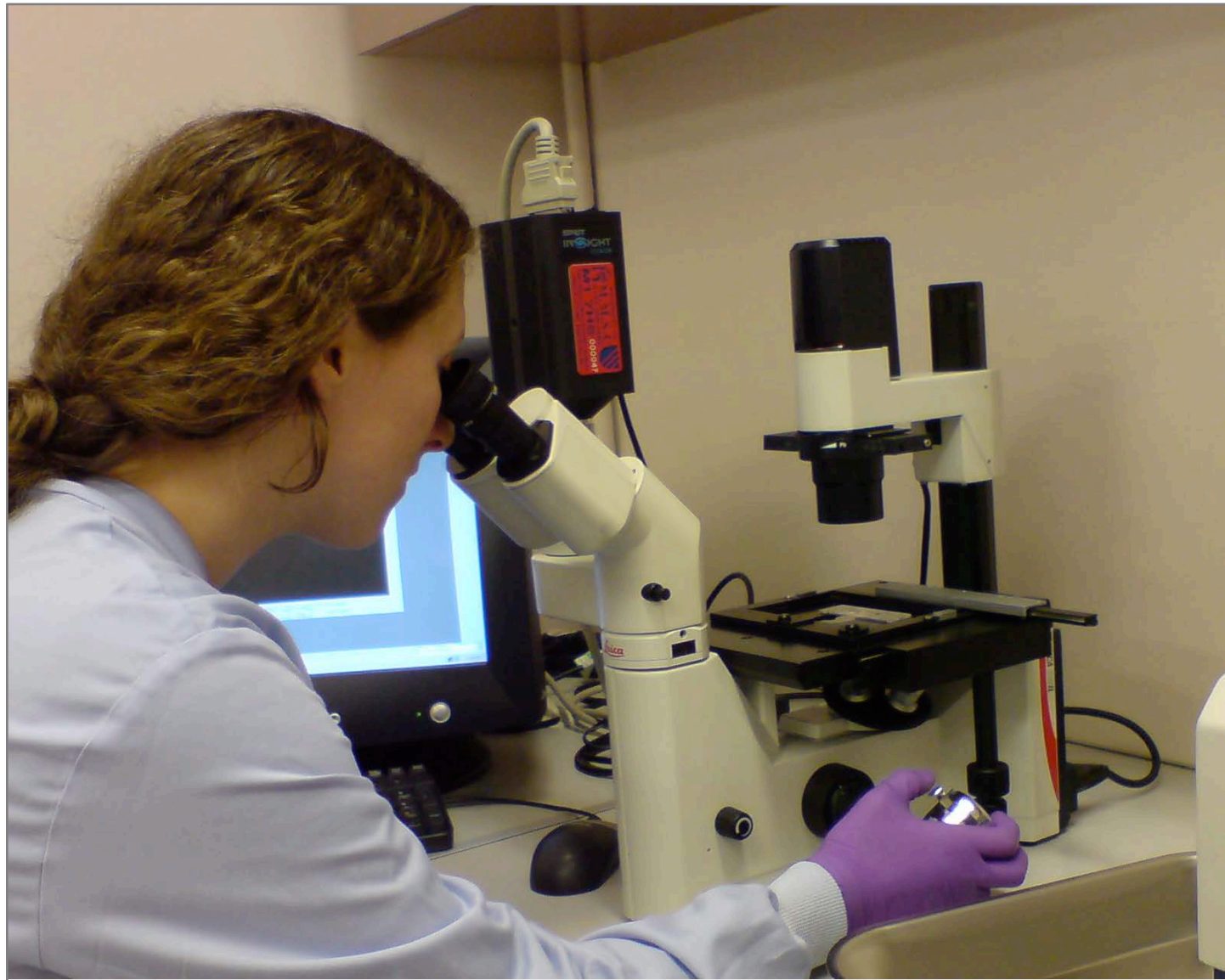


# Patterning on the Micro Scale

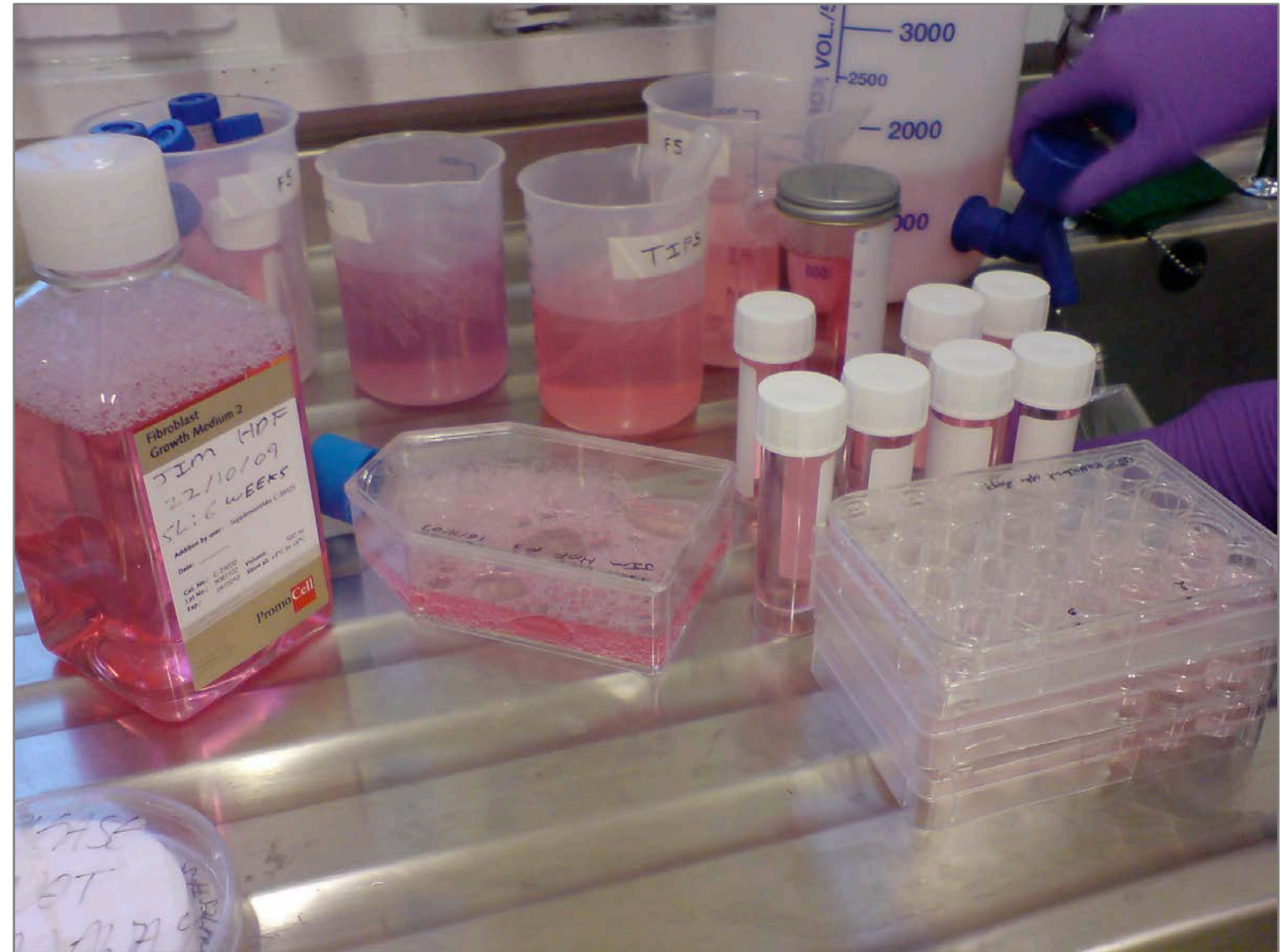


Differences in working environments during the design and making of the *Patterning on the Micro Scale* project:  
Dr Lesley Turner and Dr Sara O'Hana

# Patterning on the Micro Scale



Collaborating researcher - Lesley Turner in the laboratories of the School of Materials Science, the University of Manchester

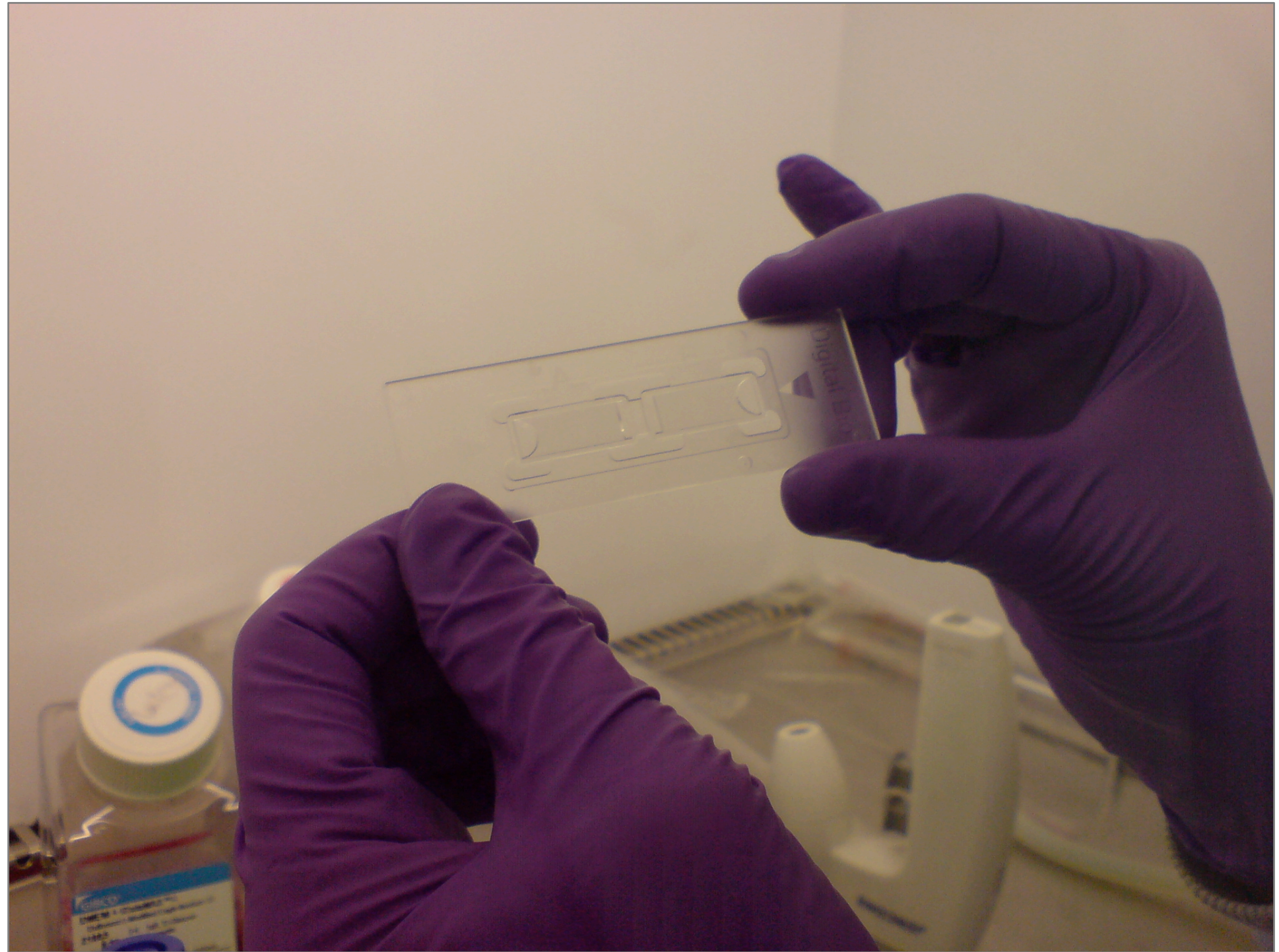
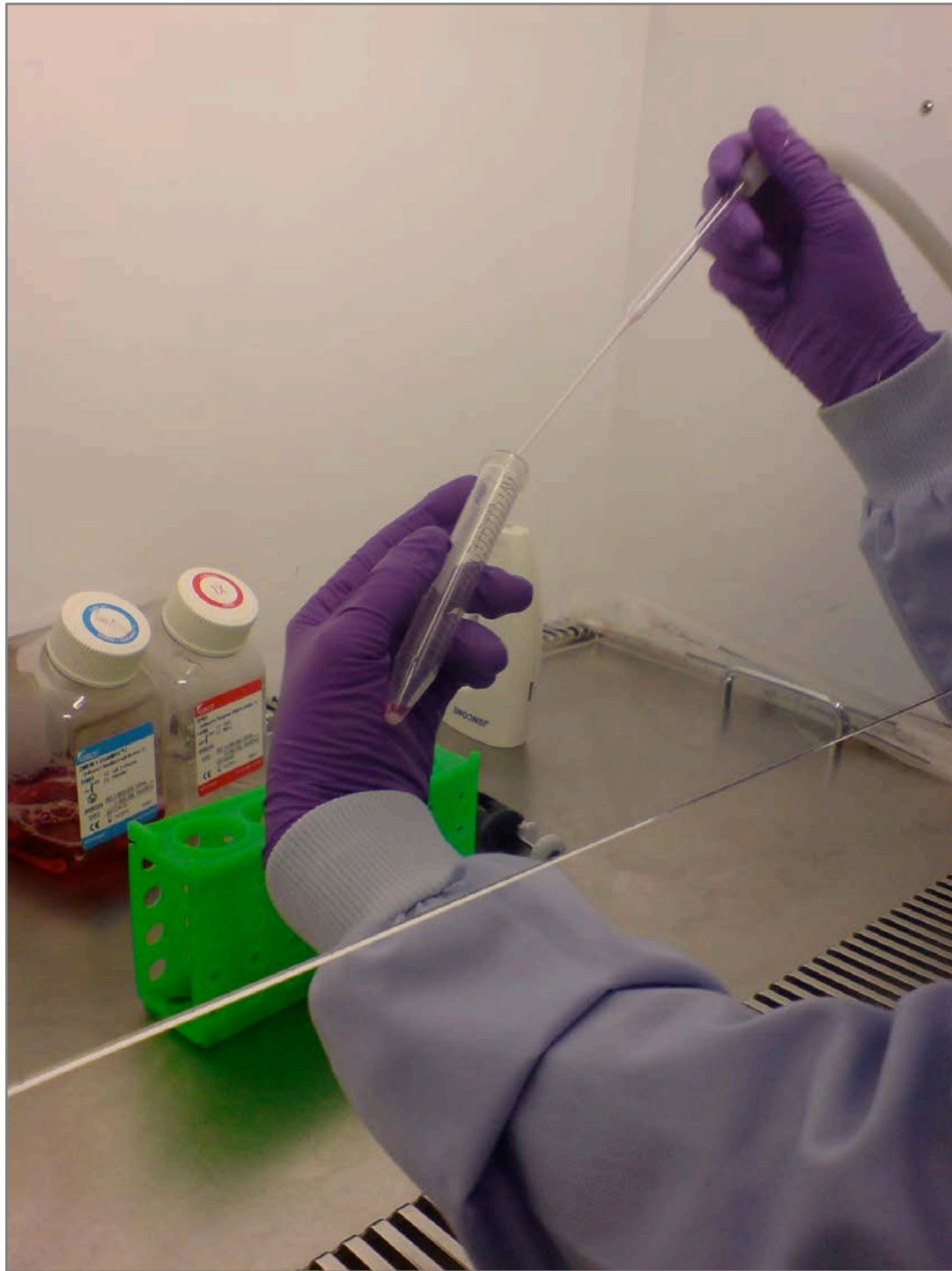


Academic: Sarah O'Hana



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# Patterning on the Micro Scale



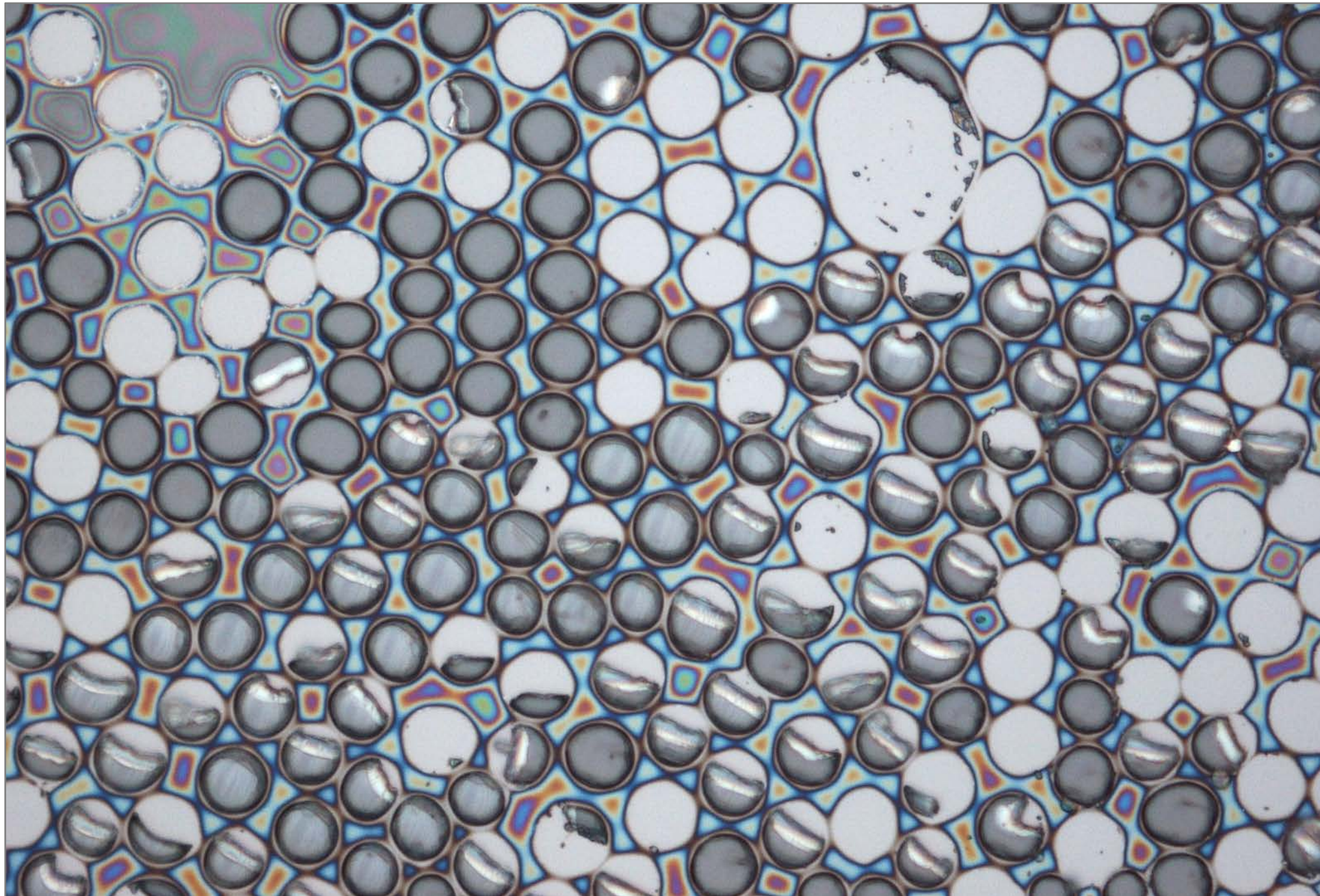
Lesley Turner in the laboratories of the School of Materials Science, the University of Manchester

**Academic:** Sarah O'Hana



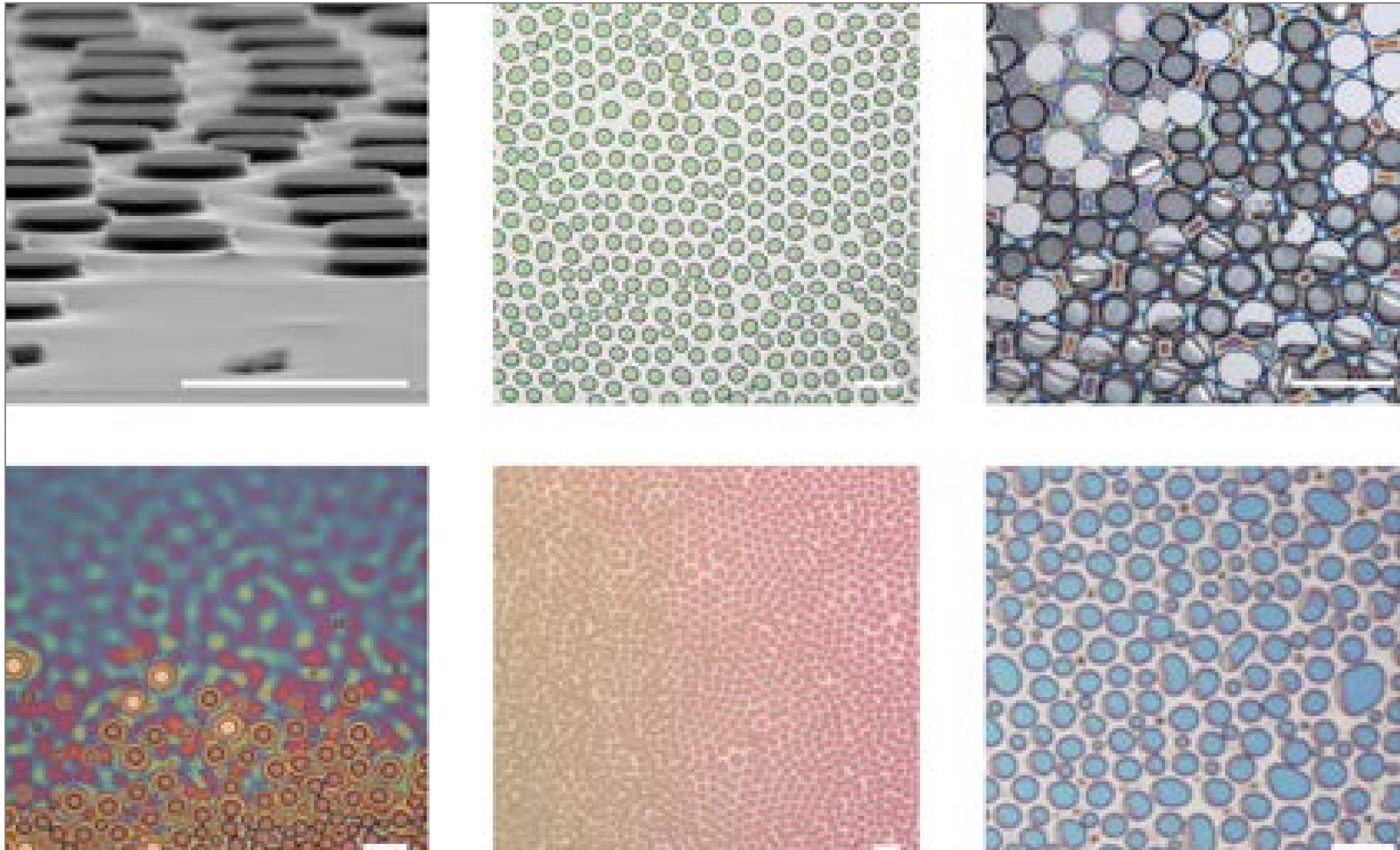
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## Patterning on the Micro Scale



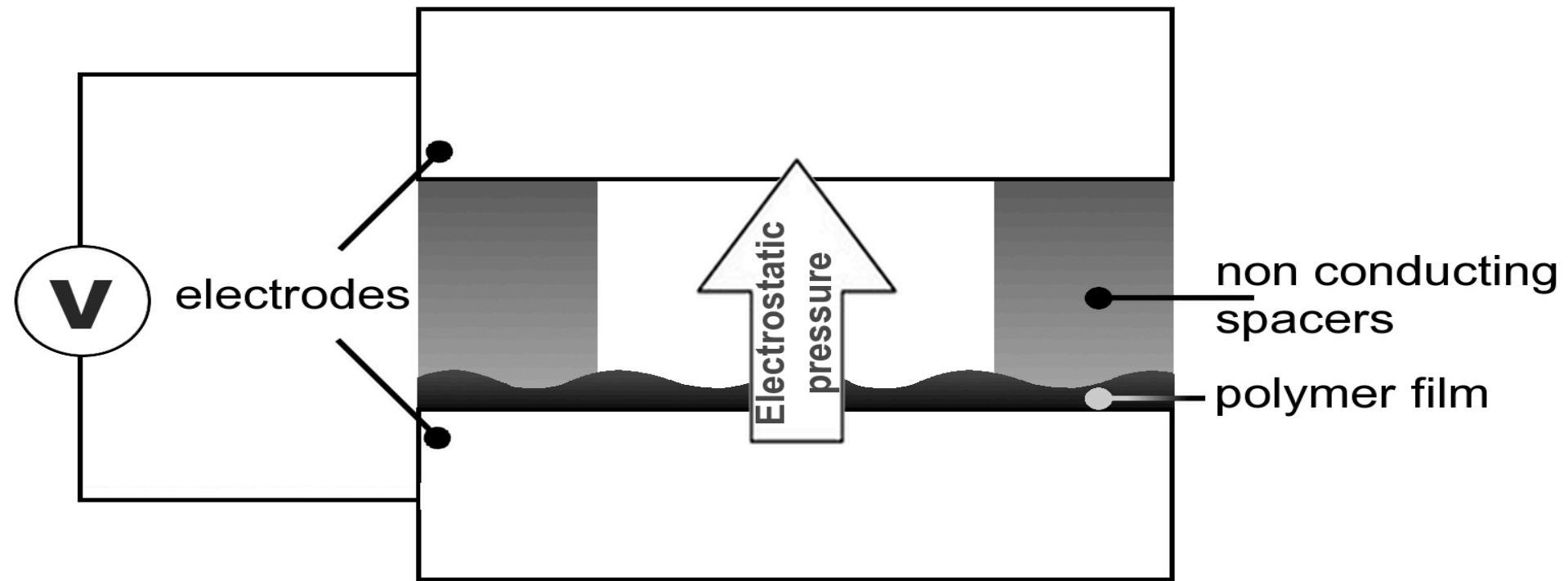
Lesley Turner (2009): Characteristic pillar patterns created by electro hydrodynamic lithography

# Patterning on the Micro Scale



Lesley Turner (2009): More examples of characteristic pillar patterns created by electro hydrodynamic lithography

# Patterning on the Micro Scale



Lesley Turner (2010) Schematic image of electro hydrodynamic lithography

# Patterning on the Micro Scale



Laser Processing Research Centre, the University of Manchester, where *Patterning on the Micro Scale* was made

**Academic:** Sarah O'Hana



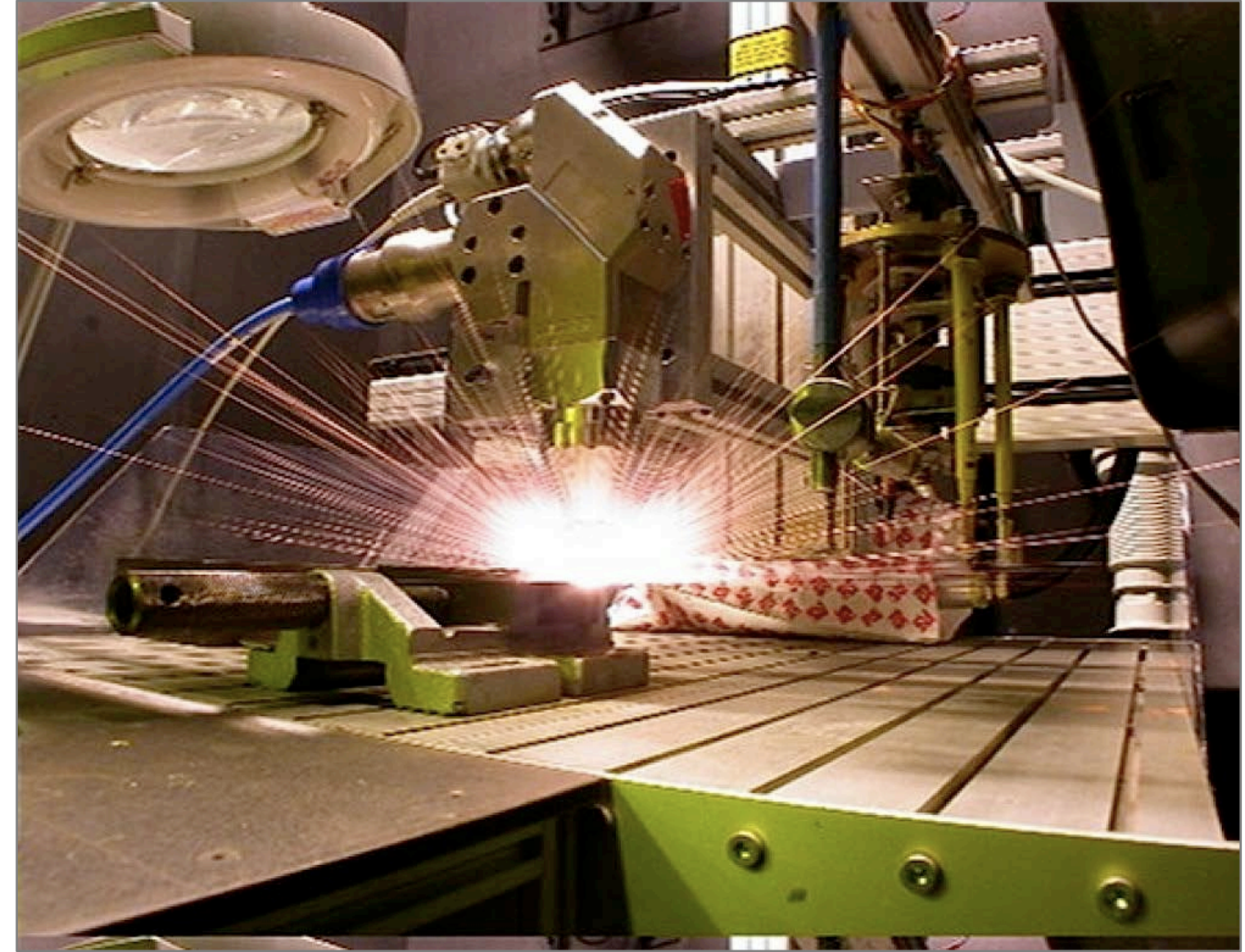
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# Patterning on the Micro Scale



Extreme differences between workshop and laboratory environments



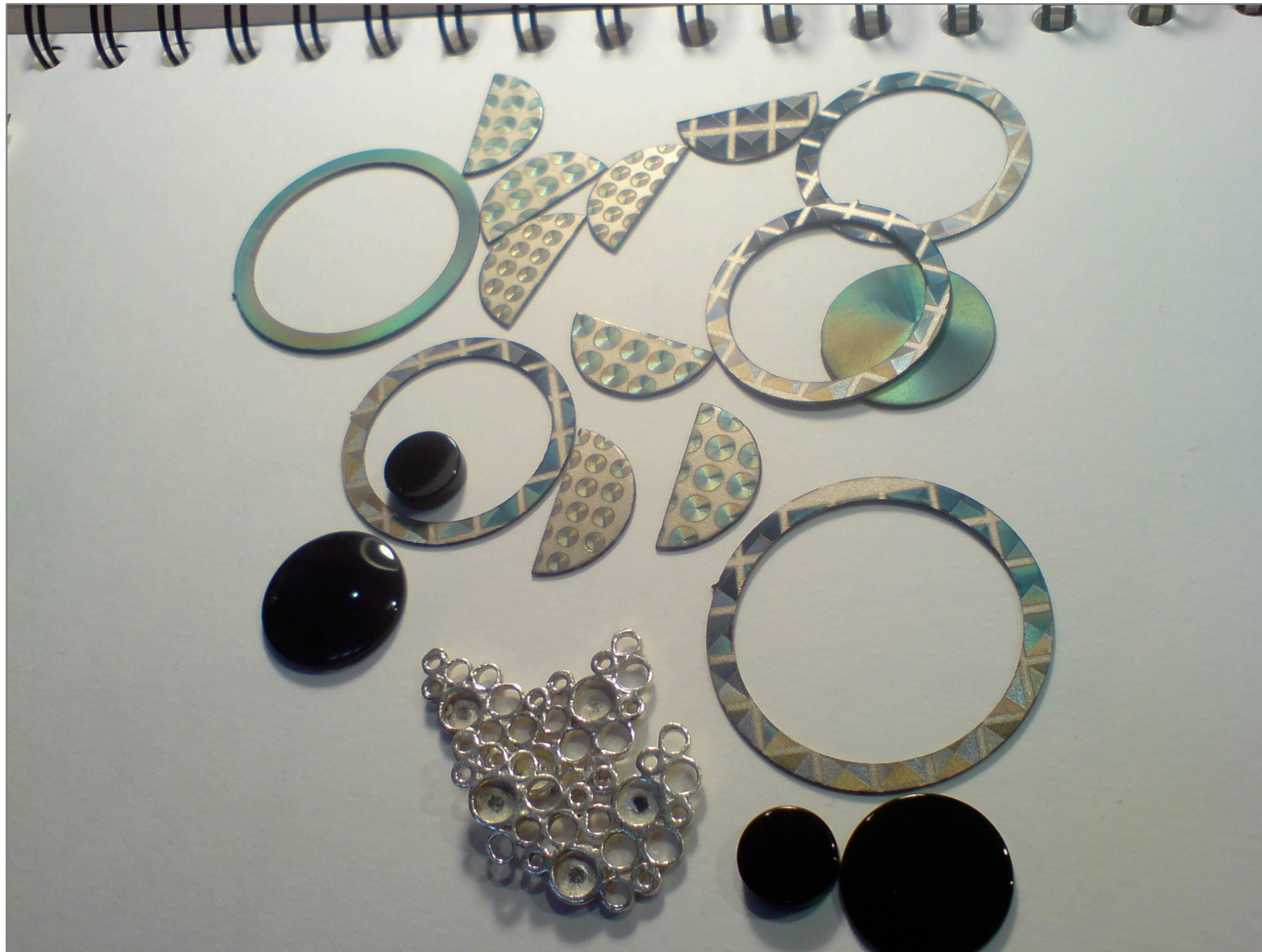
Laser Processing Research Centre, The University of Manchester

**Academic:** Sarah O'Hana



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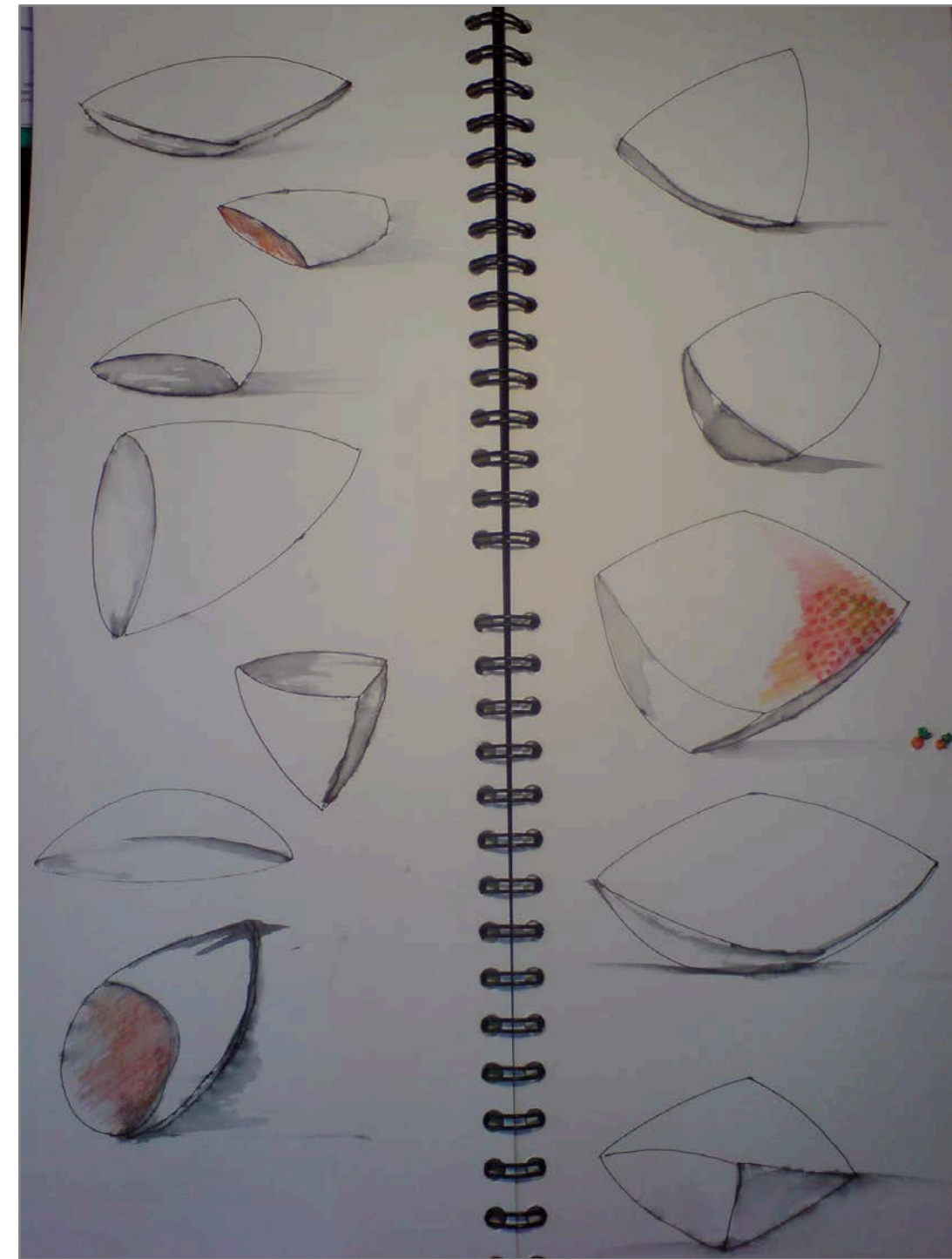
## Patterning on the Micro Scale



Sarah O'Hana – work in progress with laser marked titanium

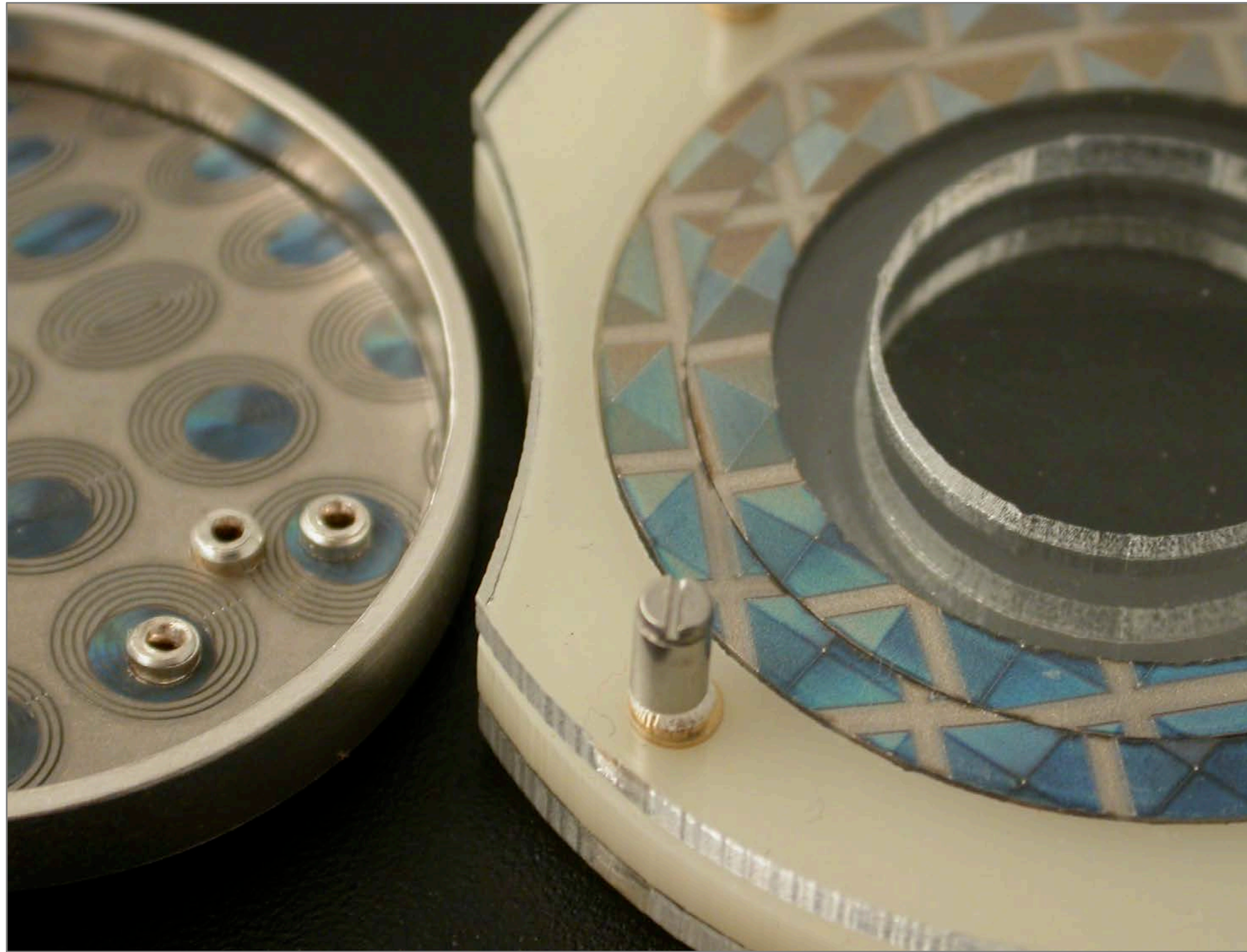
Academic: Sarah O'Hana

# Patterning on the Micro Scale



Sarah O'Hana – work in progress

## Patterning on the Micro Scale



Sarah O'Hana. *Patterning on the Micro Scale* . Magnetic brooch and pendant.  
Titanium, silver, recovered lens, acrylic, textile

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# Patterning on the Micro Scale: Signs of Change exhibition



Exhibition opening: *Signs of Change*, at FORM Gallery Perth, Australia, where *Patterning on the Micro Scale* objects was exhibited

Academic: Sarah O'Hana



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