



OXARTIS 3D Tissue scaffold technology

Scanning Electron Microscopy Services

SEM Imaging

One-off & small project needs



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Scanning Electron Microscopy (SEM) Services

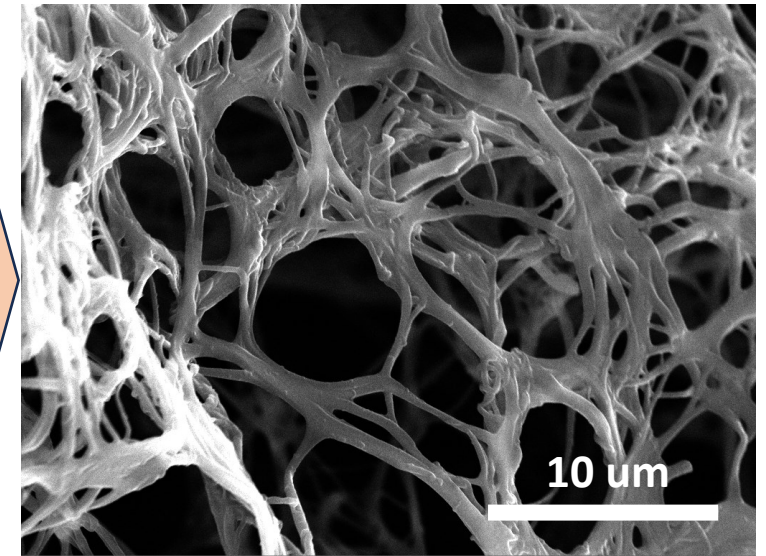
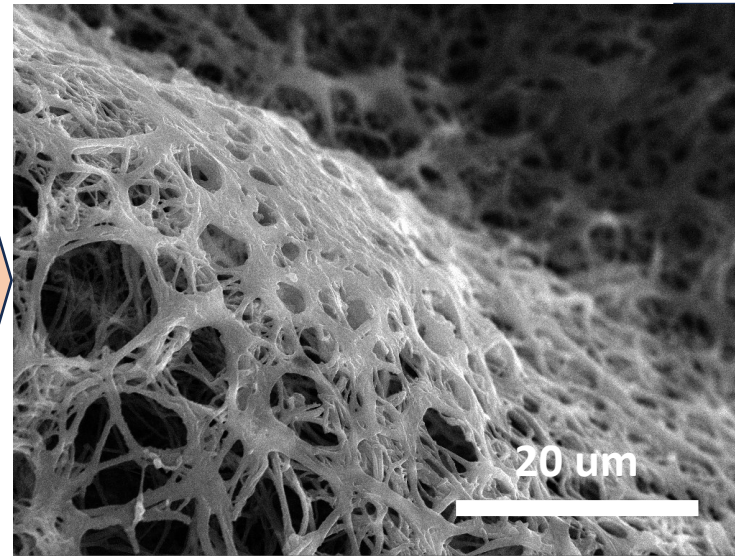
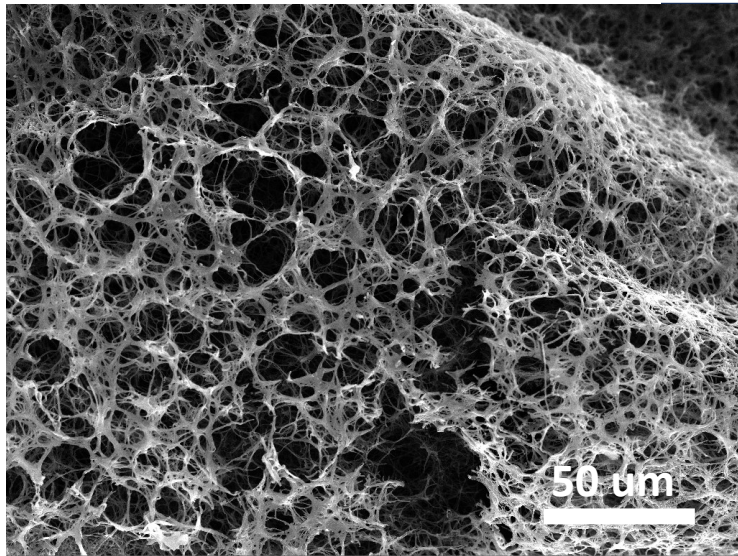


SEM sample imaging

- We offer routine SEM imaging and Gold coating for non-conductive samples
- Standard sample survey & image report, for one-off or small studies
- Training/supervised access for larger studies
- Rapid turn-around time
- Discuss your application needs with our product engineers

Instrumentation

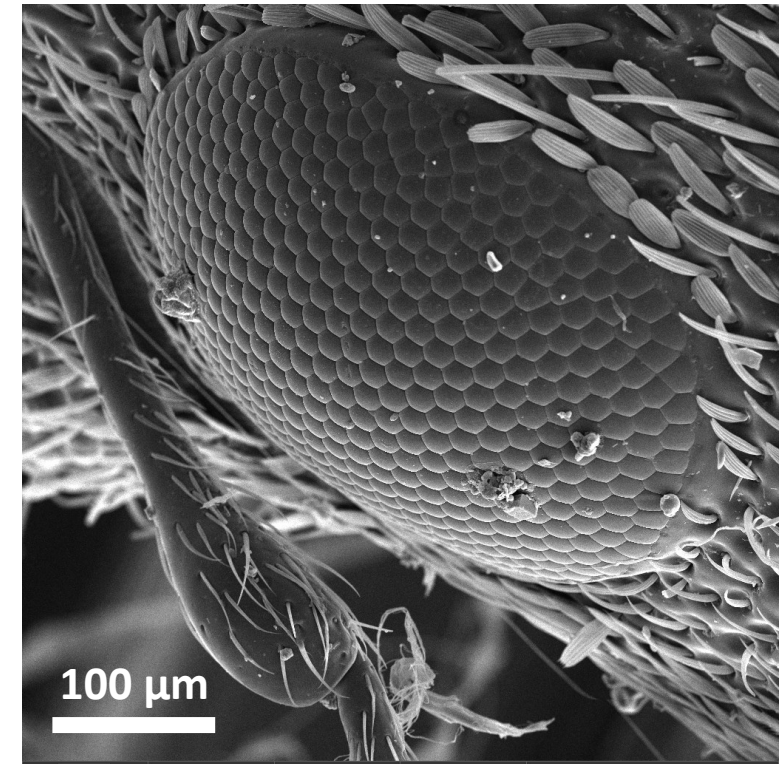
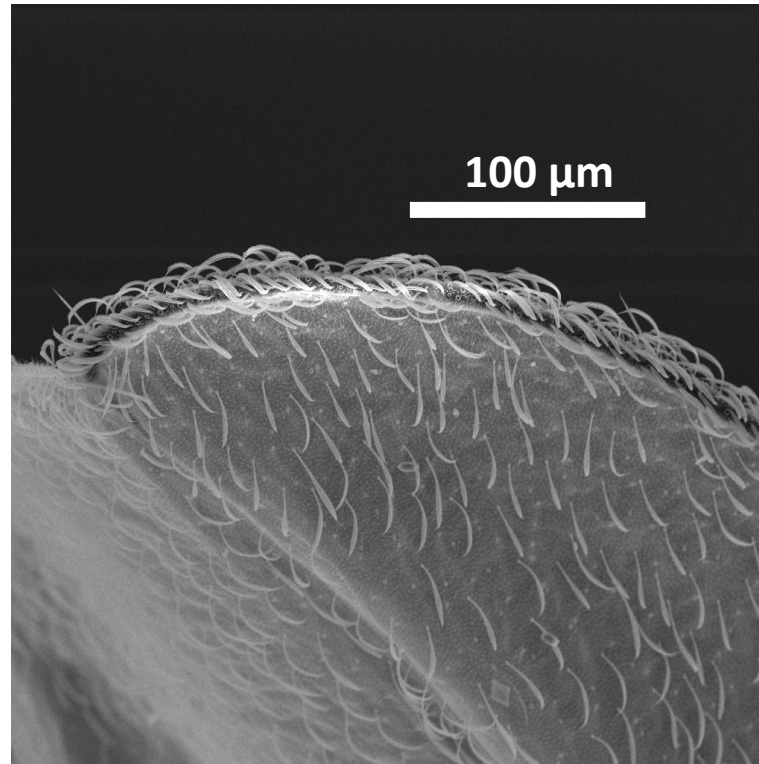
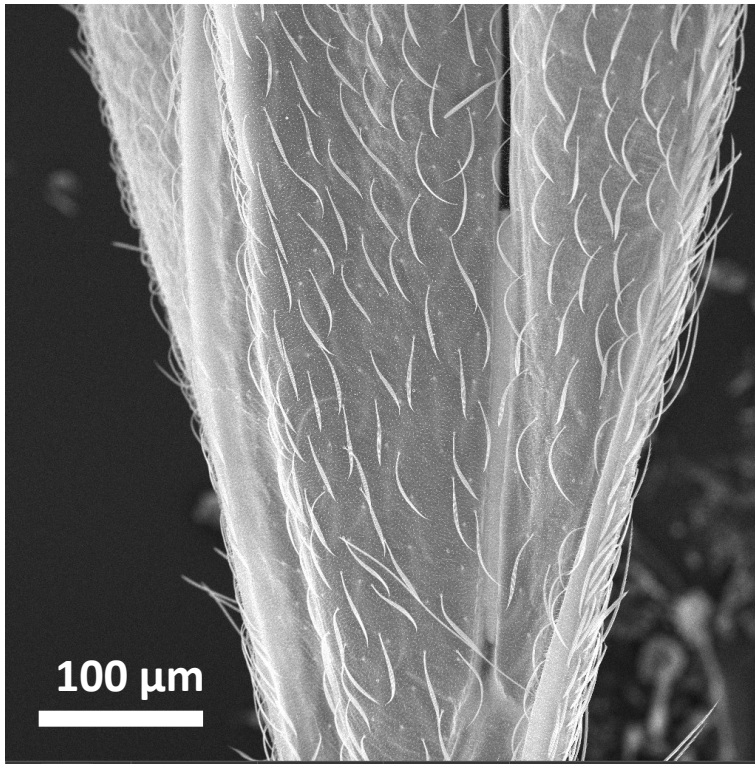
- TESCAN Vega4 tungsten filament emission system
- Backscatter and secondary electron modes
- Gold sputter-coater



Example of imaging sequence (from a 3D porous tissue scaffold produced by Oxartis technology).

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Example of imaging biological samples (mosquito wing (L & C) and fly compound eye (R)).

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Our service

- For one-off or low volume research or inspection studies, we offer an SEM imaging service, using our **TESCAN Vega4** system. This includes a report, with typically 10 high resolution images at varying magnifications, per sample. We work closely with you to ensure that the customer gets the desired results. This will be suitable for small or one-off studies, needing rapid turn-around.
- For larger studies, we will provide an **induction training session** and **supervised access** to a customer's operator, to enable the customer to work through a series of samples on a session basis. Supervised access means that Oxartis staff will be available throughout the session, to start up, optimise the instrument settings, and shut down.

Pricing

- | | |
|--|-------------------|
| • Standard sample survey & image report (10 images) | [Indicative £200] |
| • Induction training for supervised access | £500 |
| • Training/supervised access for larger studies (inclusive of Sample prep, Stub storage) | £80/h |

Location

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