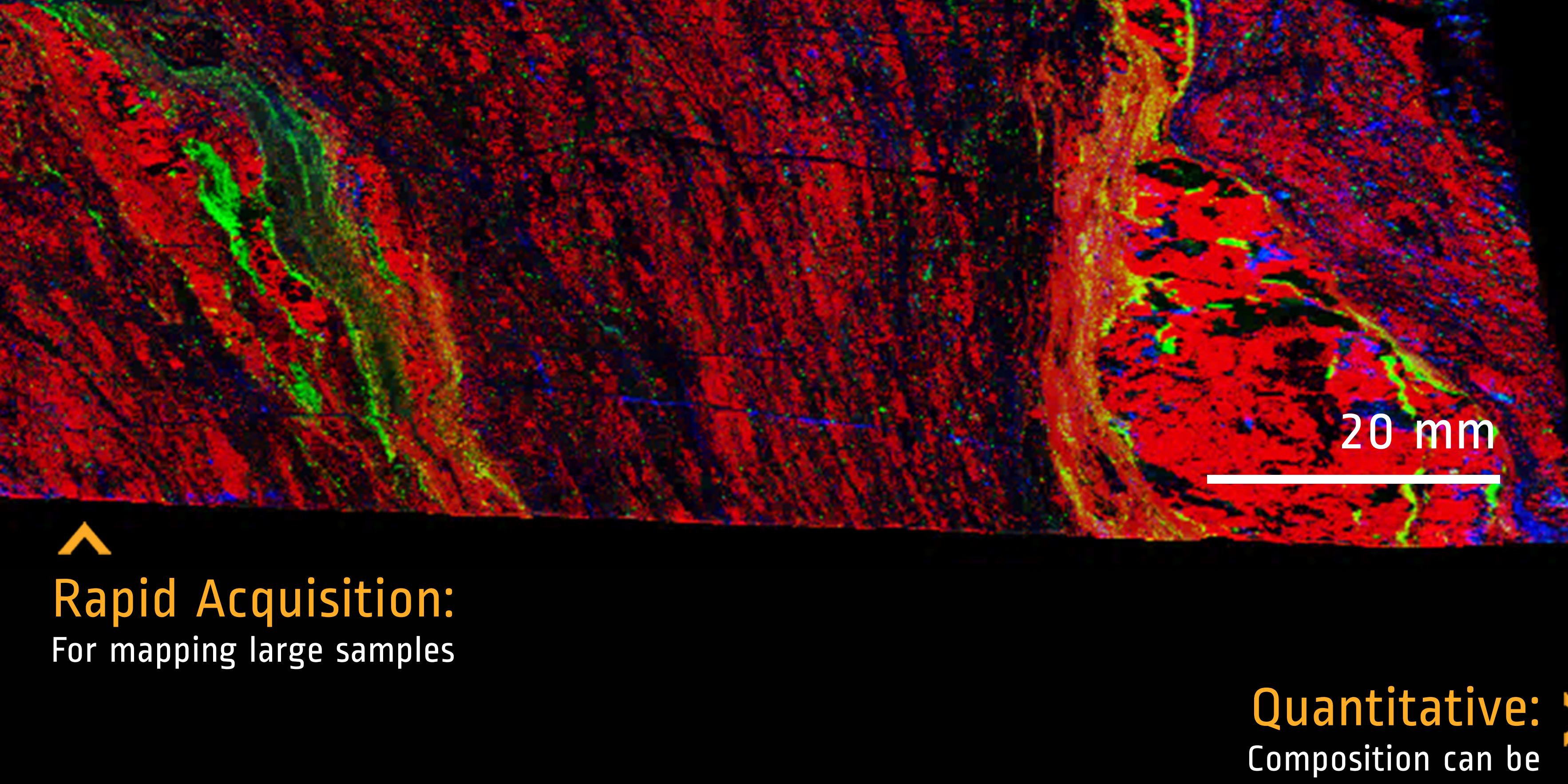


# Patented TRACE MINERALOGY TECHNIQUE

Femtogram and <1 ppm sensitivity for trace elements  
Orders of magnitude higher sensitivity than SEM-EDS  
<8 um resolution  
High throughput

# petroleum exploration

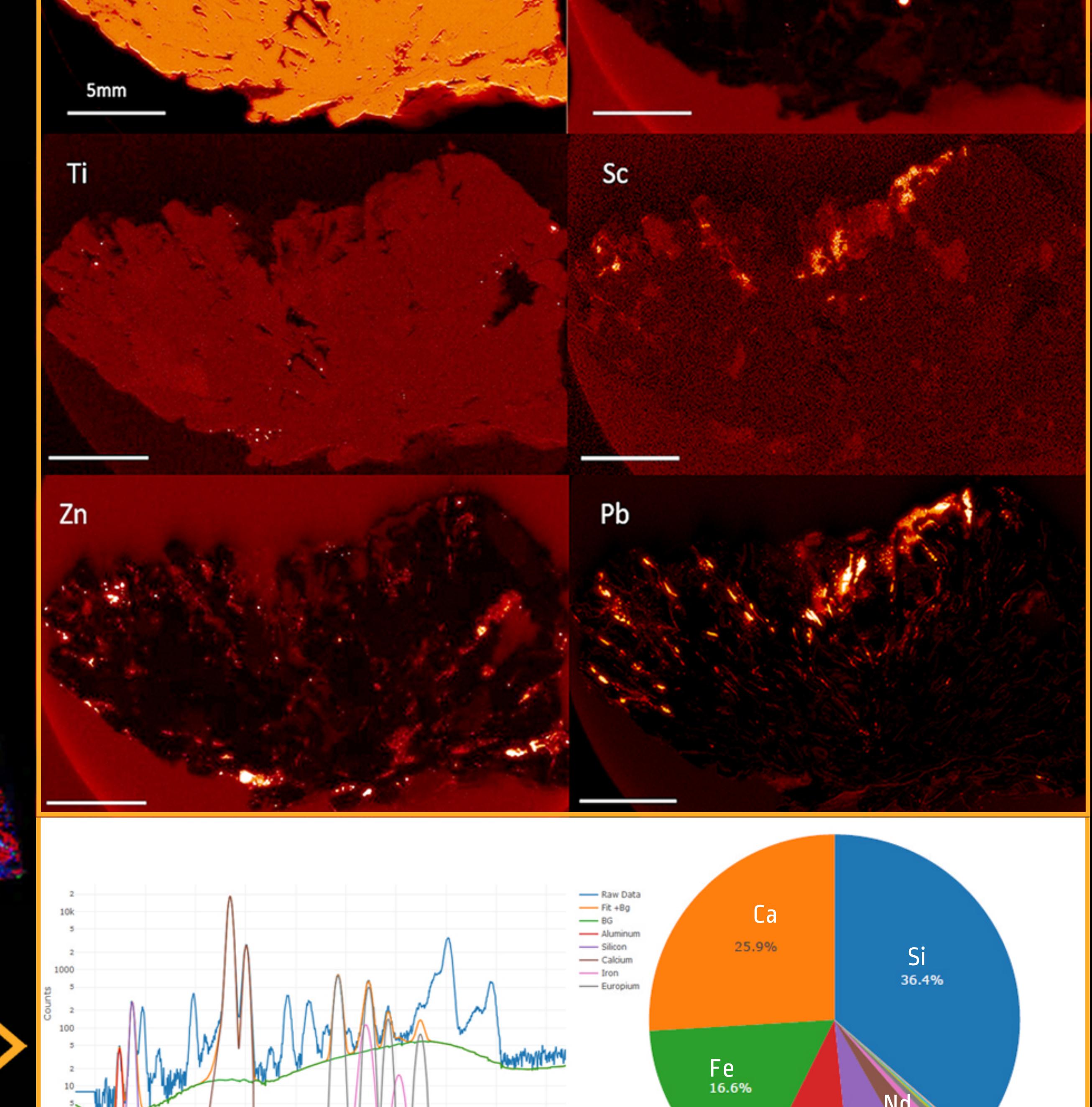
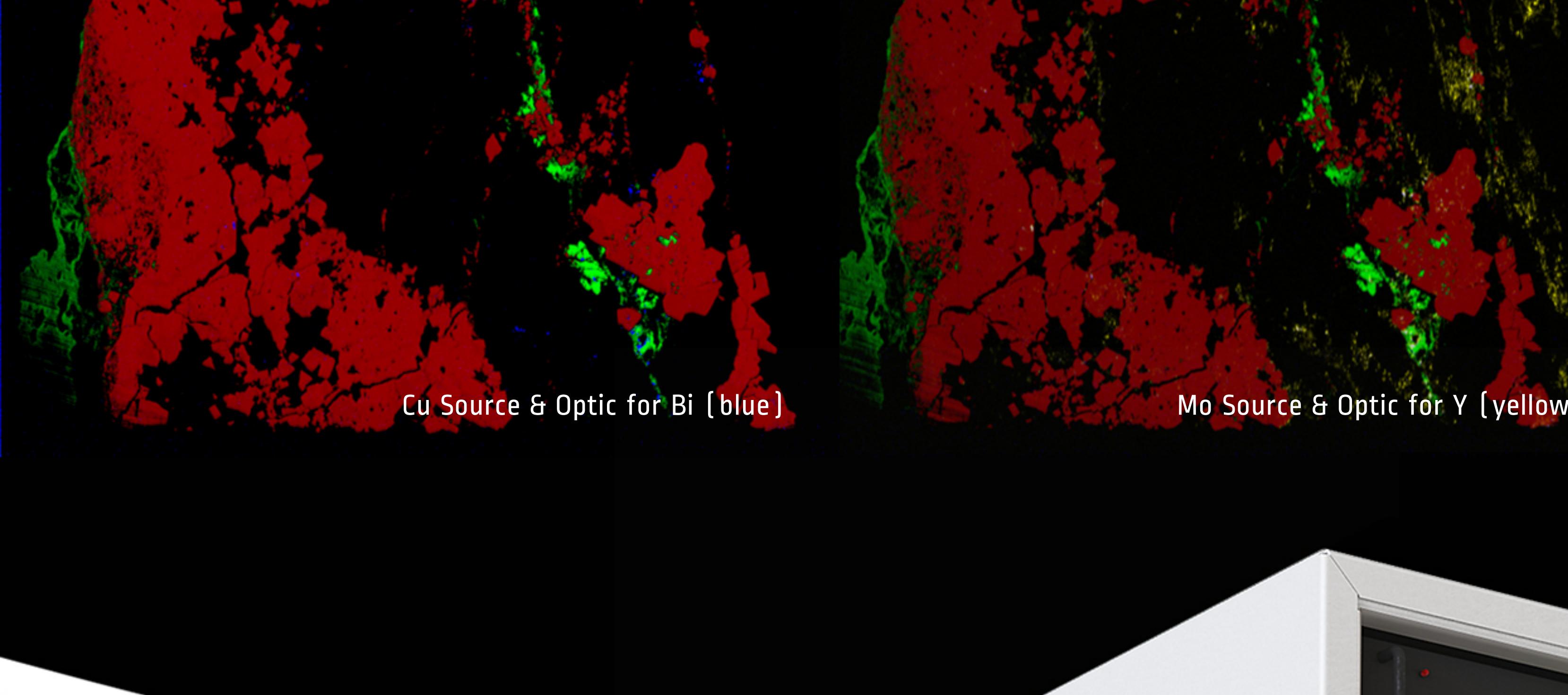
- A fluorescence microscopy image showing a dense cluster of cells. The cells are stained with three different markers: red, green, and blue. The red signal is the most intense, appearing as a dense, granular background. Interspersed within this red field are numerous small, bright green spots, likely representing a specific subset of cells or organelles. A few larger, more diffuse green structures are also visible. A faint blue signal is present, appearing as small, scattered dots throughout the field. The overall image has a high contrast between the bright fluorescent signals and the dark background.



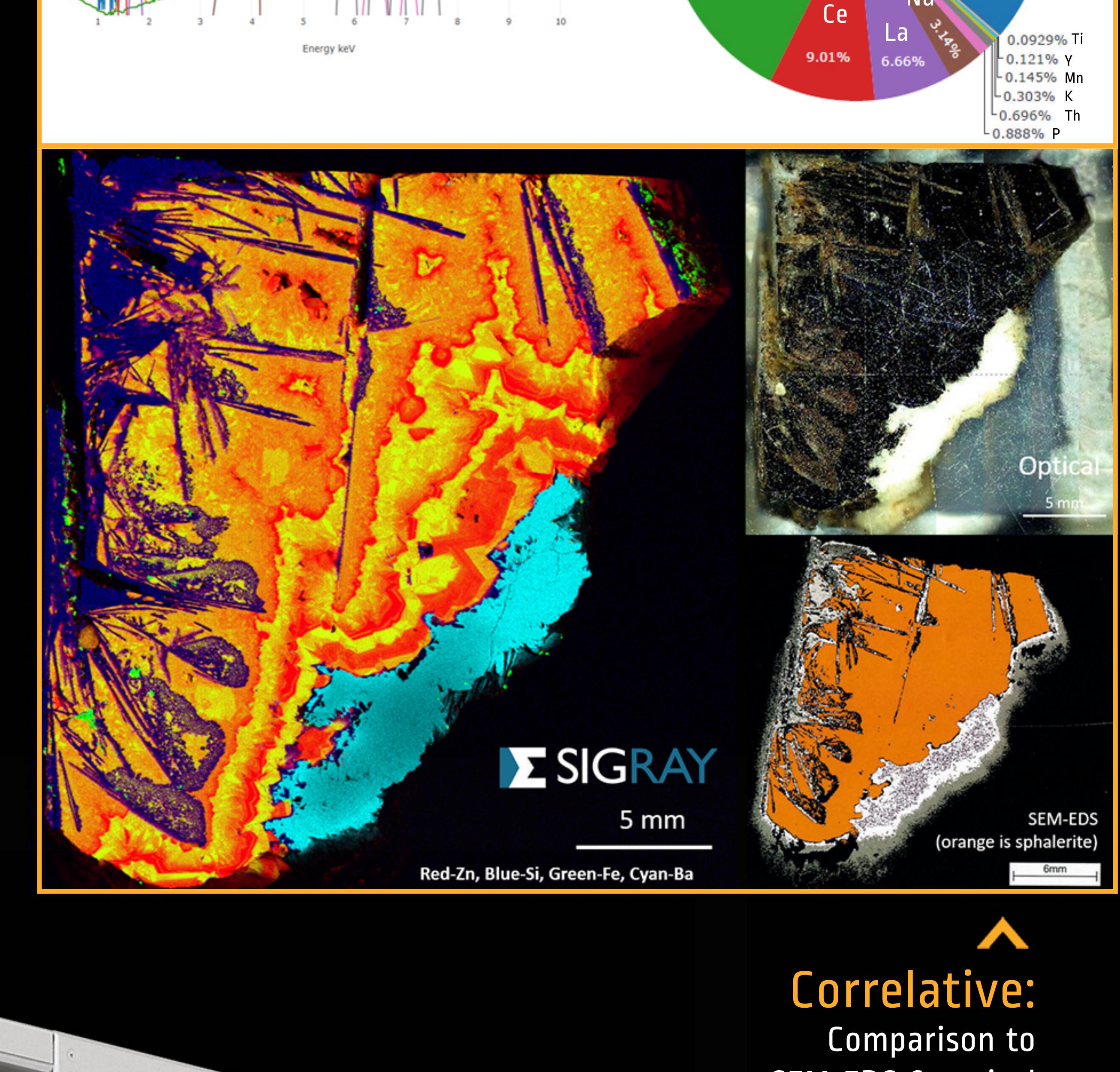
# Patented Multi-Entry

## Maximize sensitivity to different by push-button selection or

This fluorescence microscopy image shows a tissue section with three distinct stains: DAPI (blue), phalloidin (red), and a green fluorescent antibody. The blue staining highlights nuclei, while the red staining highlights actin filaments. The green staining is localized to specific cellular structures. A scale bar representing 10 micrometers is visible in the bottom right corner.



# of standard



# SEM-EDS & optical microscopy

Page 1 of 1

# Introducing the Atton Vap