

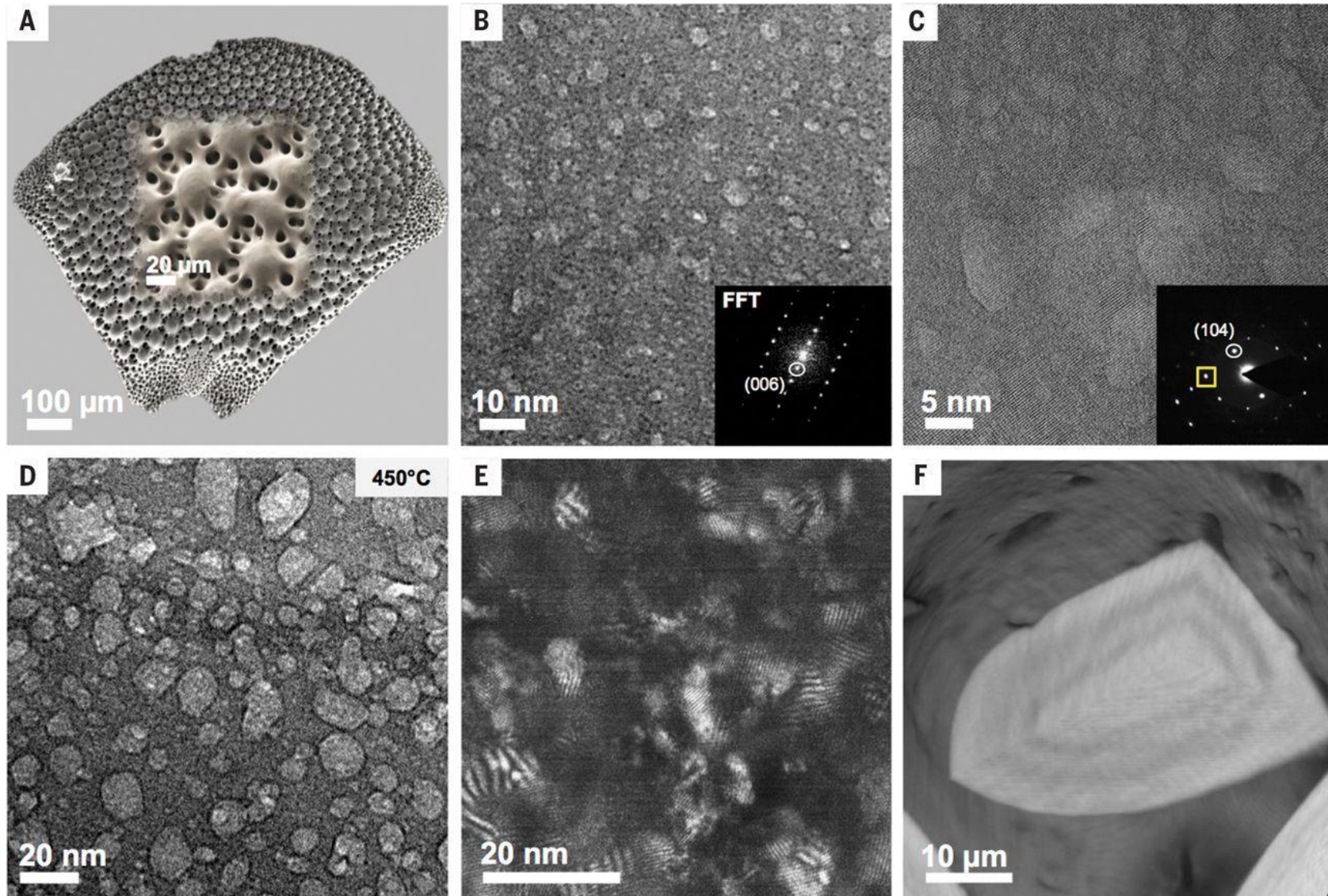
# Coherently aligned nanoparticles within a biogenic single crystal: A biological prestressing strategy

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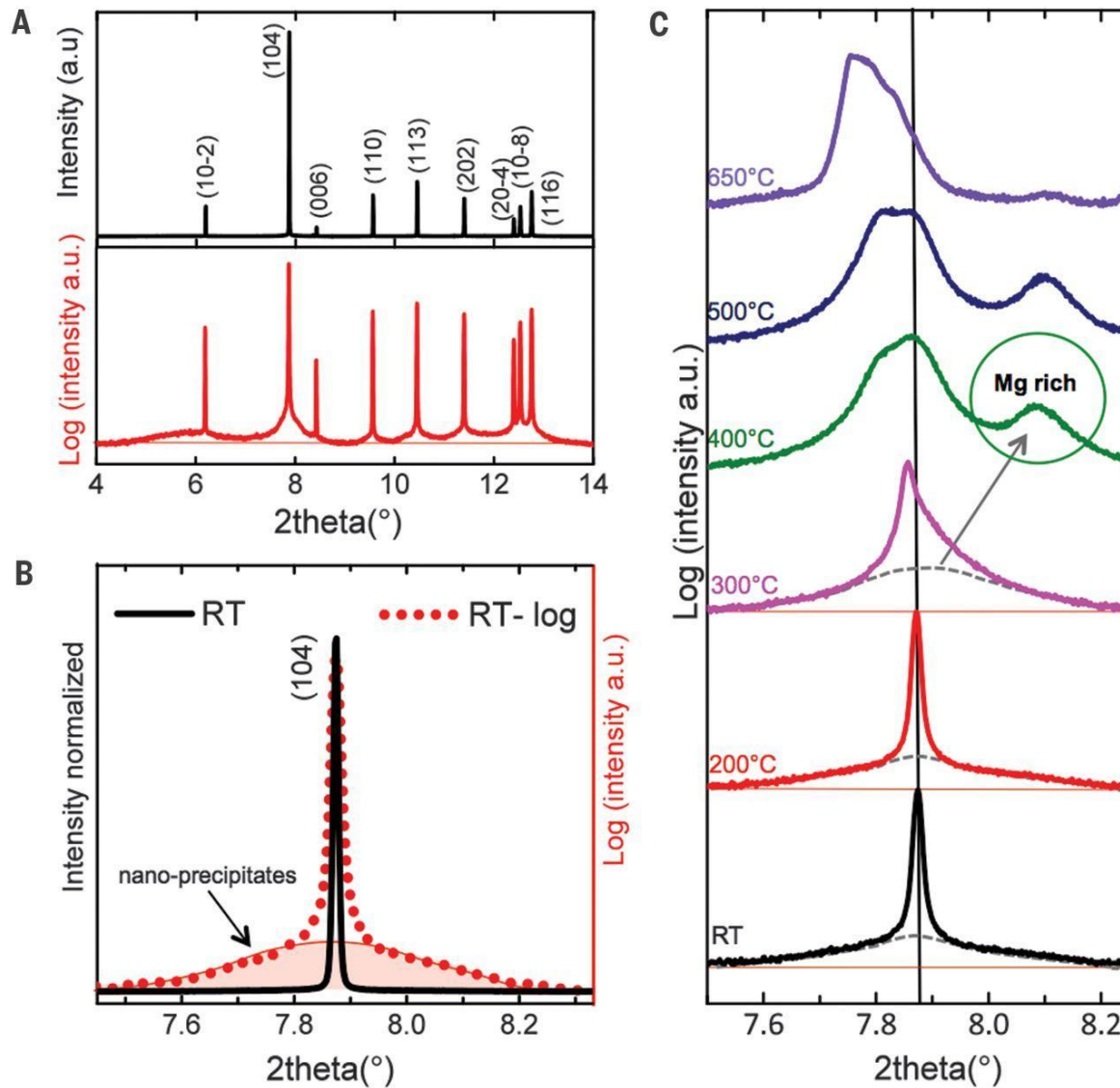
Fig. 1 Characterization from the micro- to the nanostructure.



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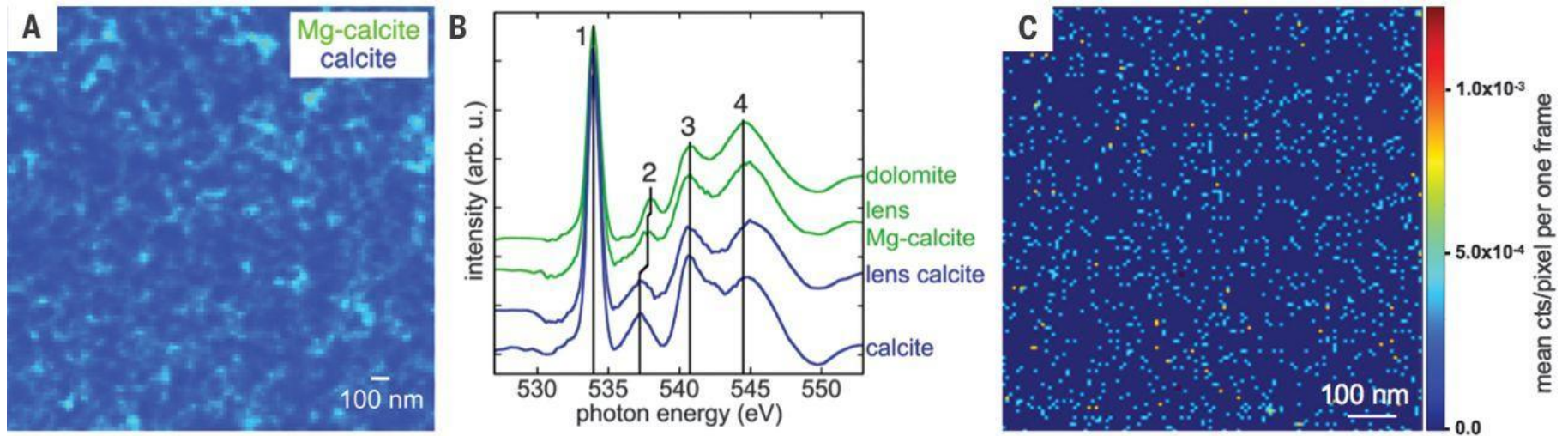


Fig. 2 High-resolution powder XRD characterization.



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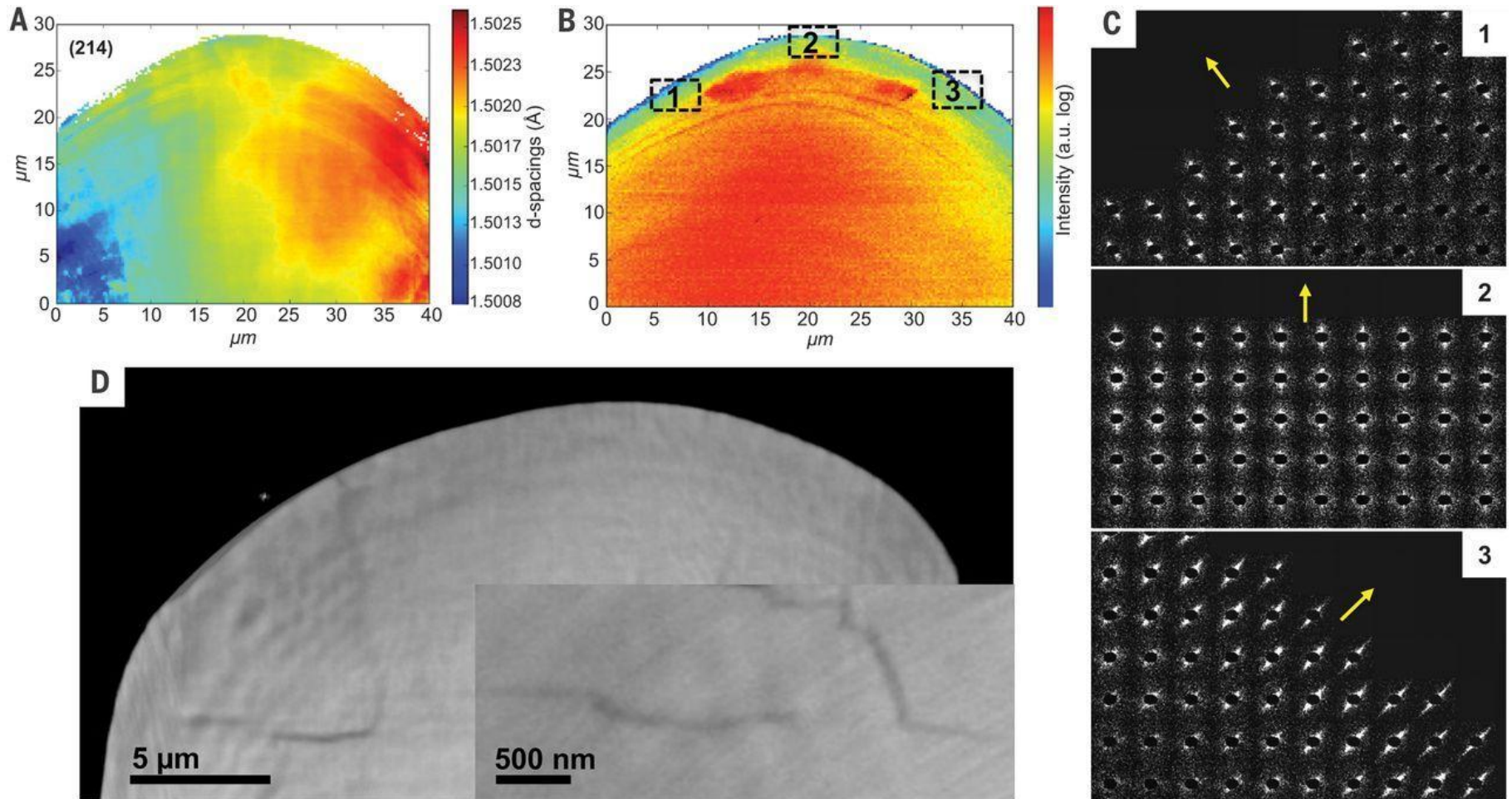
**Fig. 3 PEEM and ToF-SIMS mapping.**



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**Fig. 4 Synchrotron submicrometer scanning diffraction and nanotomography.**



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