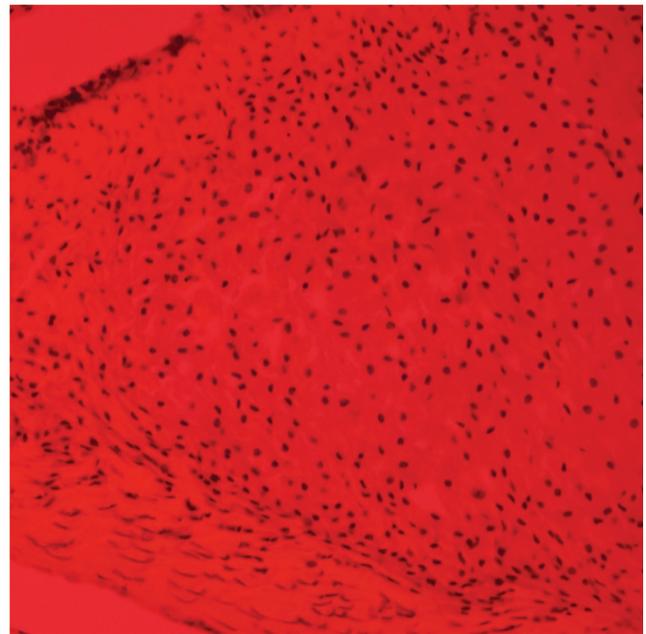
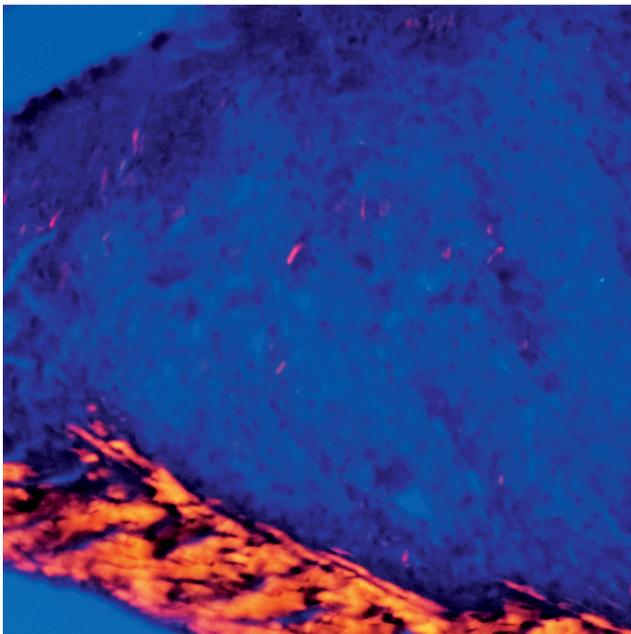
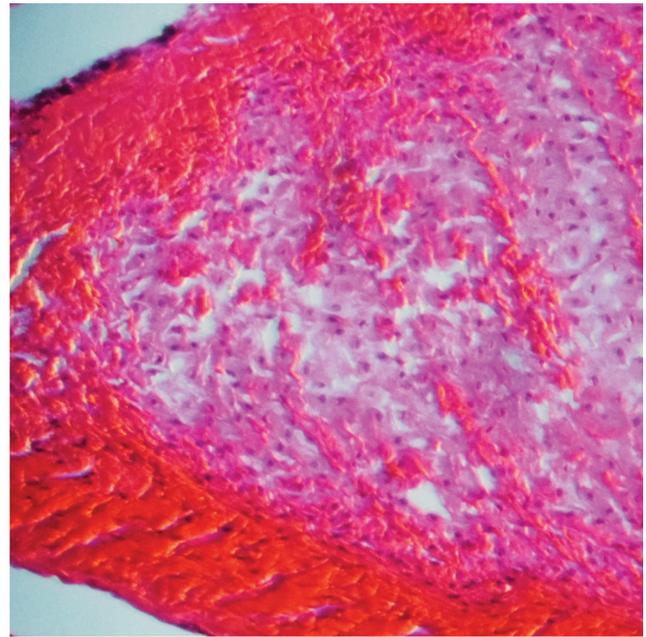
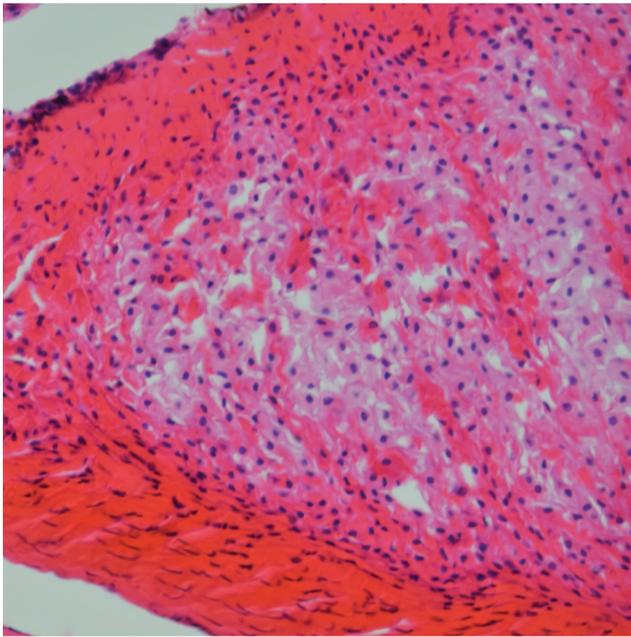


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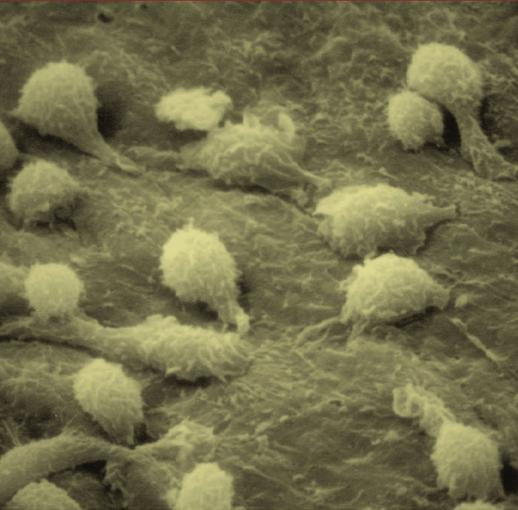


Atomic Force Microscopy

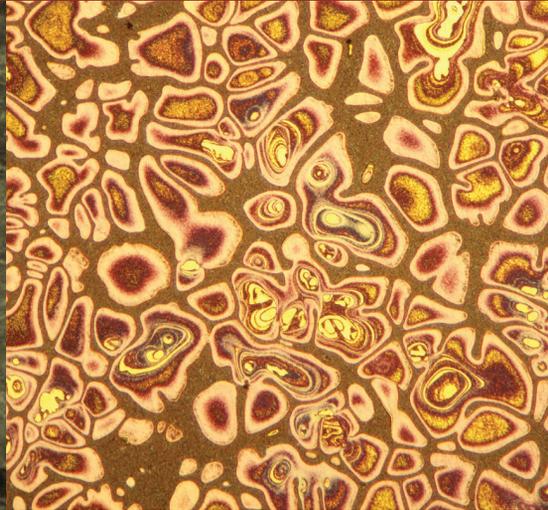


Sample Preparation

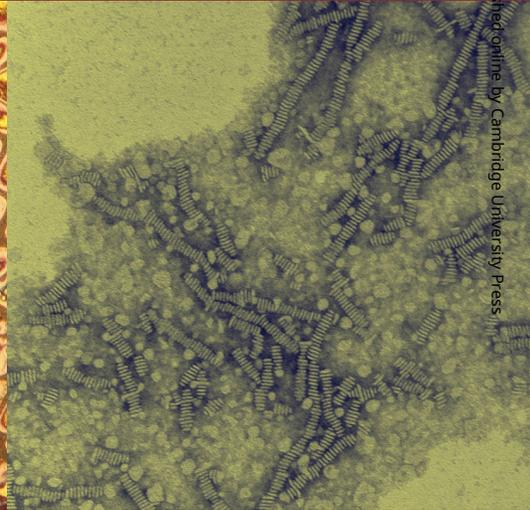
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Sunday Short Courses and Pre-Meeting Congresses



Monocytes (White Blood Cells) Adhering to the Inside Surface of an Artery as Part of an Inflammatory Reaction. W. Gray (Jay) Jerome, Vanderbilt University



Cast A347 Alloy Made by Semi-solid Melting (Mert Fleming's Development) Weck's Reagent in Bright Field. George Vander Voort, Consultant (Struers Inc.)



High Density Lipoprotein (HDL; the good cholesterol carrier) Stacking Together in Solution. W. Gray (Jay) Jerome, Vanderbilt University

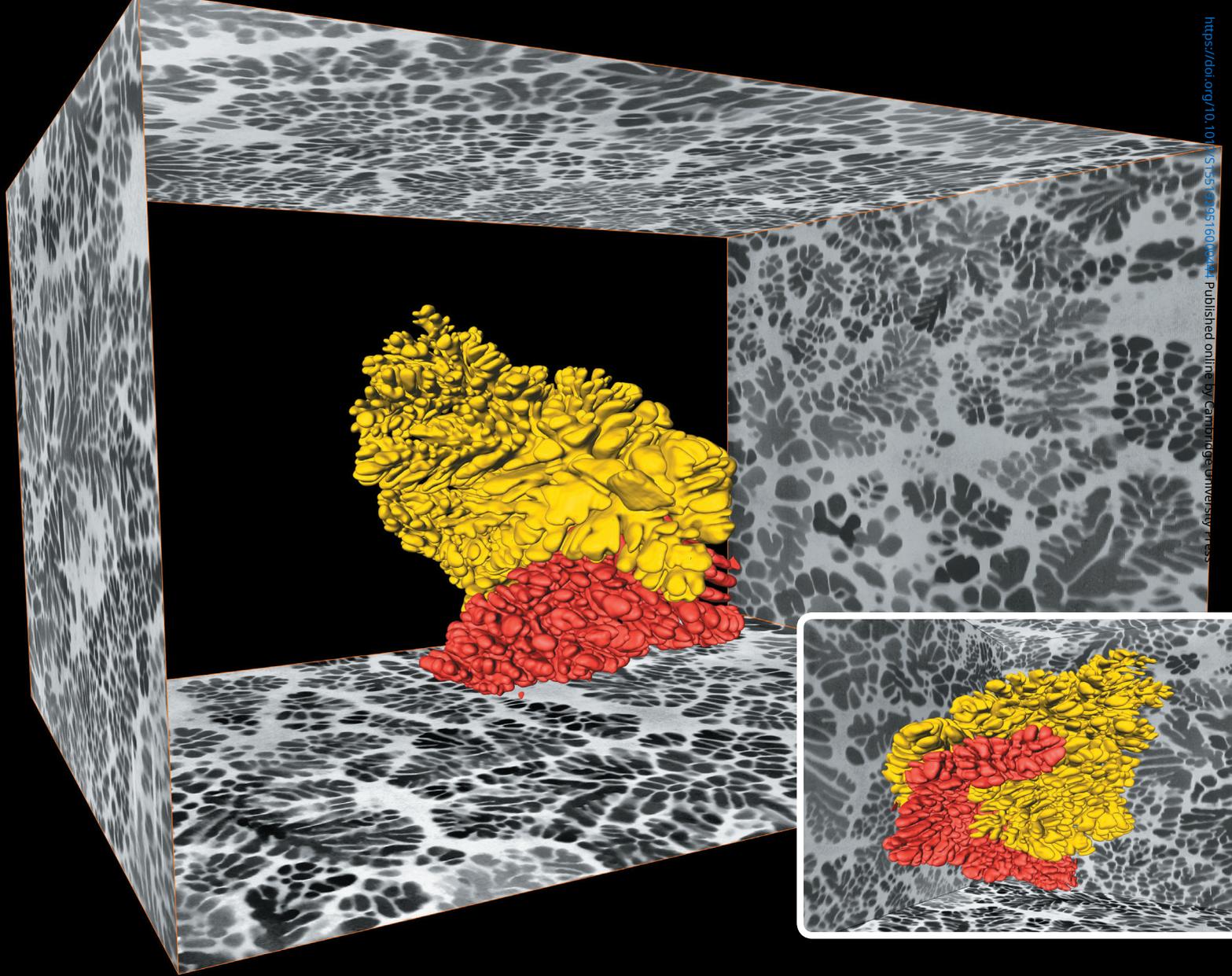


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FEI Avizo® 3D visualization of two large adjacent crystalline dendrites of a bulk-metallic-glass matrix composite ($Zr_{58.5}Ti_{14.3}Nb_{5.2}Cu_{6.1}Ni_{4.9}Be_{10}$). Data was obtained by large volume serial sectioning tomography using the Helios PFIB DualBeam. The sectioned block is about $90 \times 80 \times 70 \mu m^3$. Sample from The University of Tennessee, USA. Images courtesy of The University of Manchester.

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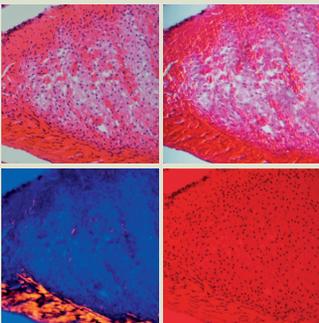
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About the Cover



Mammalian muscle-tendon junction imaged with four types of illumination. Clockwise from upper left: brightfield, oblique, Rheinberg, and polarized light. Image width = 544 μm .

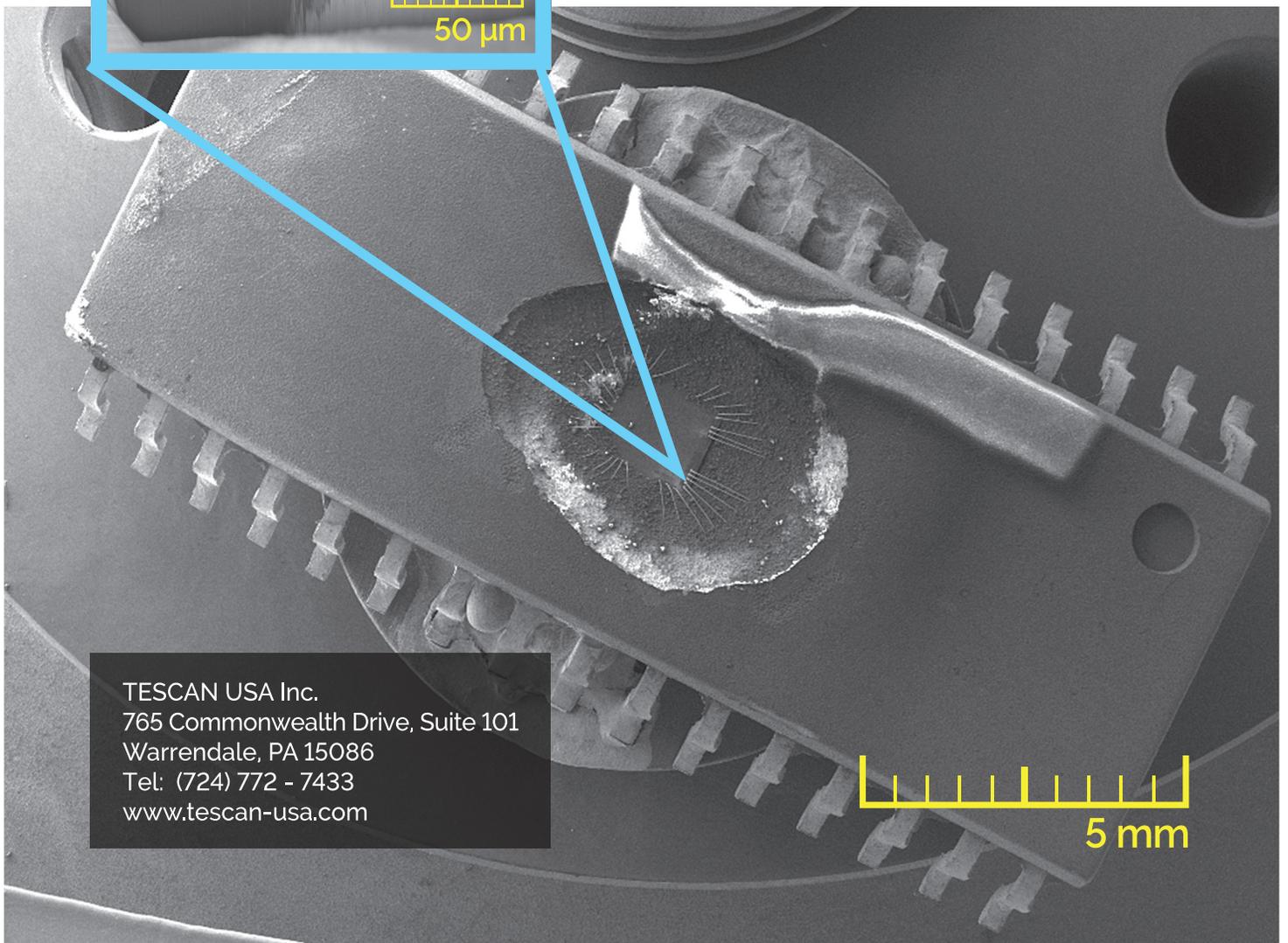
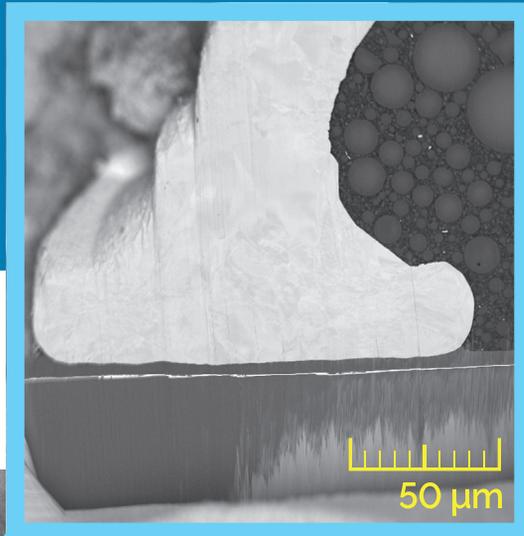
See article by Clark and Brown.



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