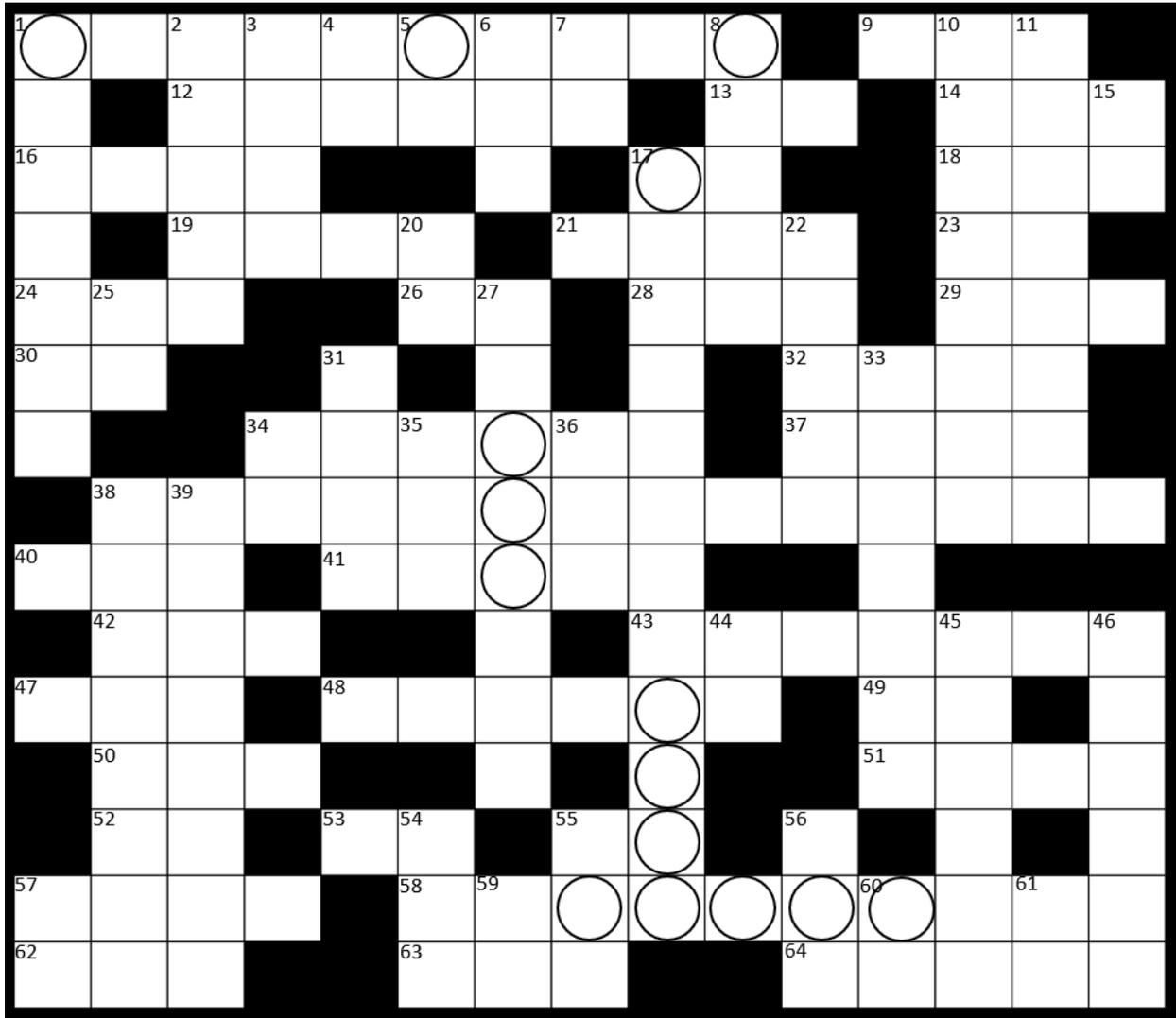


Theme: Light Microscopy



Across	Down
<p>1. Determined by the wavelength of light and aberrations</p> <p>9. Your start-up may be this (abbr.)</p> <p>12. A castle tower, or a rotating piece on a light microscope</p> <p>13. Alternative to light-source imaging (abbr.)</p> <p>14. The "i" in HIM-SIMS</p> <p>16. Original state of a Foldscope microscope</p> <p>17. With an O between these two letters, an abbr. for the observable area with a given technique and conditions</p> <p>18. Wildebeest</p> <p>19. Notorious Algerian terrorist group (abbr.)</p> <p>21. Small pest repelled by certain collars</p> <p>23. AKA kV or accelerating voltage</p> <p>24. We need microscopes because this isn't good enough</p> <p>26. Microscopy technique to exclude the unscattered beam from the image (abbr.)</p> <p>28. Coffee container</p> <p>29. The old college ___</p> <p>30. Home state of CU Facility for Electron Microscopy of Materials</p> <p>32. Neuroscience publication</p> <p>34. Vegetable skin remover</p> <p>37. Condenser, objective, etc.</p> <p>38. (2 words) The end of a phrase meaning that two people understand each other, or a clue to the circled letters in 1- and 58-Across and 17- and 27-Down</p> <p>40. There's an ___ for that!</p> <p>41. Term first coined by Richard Dawkins, far before the internet began</p> <p>42. Exclamation of surprise and alarm</p> <p>43. What one "plays" when experiencing a backlog of work</p> <p>47. Go to channel 3 to watch a movie on this in the '90s (abbr.)</p> <p>48. Lens type to focus a parallel beam</p> <p>49. Greek grapheme, now just "e"</p> <p>50. Possessive without an apostrophe</p> <p>51. Begging request</p> <p>52. Micro (Gr.)</p> <p>53. Allow the microscope to do the work for you (abbr.)</p> <p>55. US capital</p> <p>57. Put me in a field and see the ___ effect</p> <p>58. Affected by aperture, a description of beam expansion</p> <p>62. Number of available magnifications on a child's starter microscope</p> <p>63. Mo. sometimes containing the Easter holiday</p> <p>64. Good for photons, but not electrons</p>	<p>1. Bounce back light</p> <p>2. For a microscope, most move in the x, y, and z directions</p> <p>3. Three _____ end a half inning in baseball</p> <p>4. 96 x 96 px</p> <p>5. Possessive texting abbr.</p> <p>6. Number beginning for every DOI</p> <p>7. Information Technology (abbr.)</p> <p>8. Never say this</p> <p>10. Variations include ring and coaxial</p> <p>11. Can be increased by stretching the histogram to span the dynamic range</p> <p>15. Lowercase frequency (Gr.)</p> <p>17. Love, D., & Goodhand, I. (2019). <i>Microscopy Today</i>, 27(5), 26-30.</p> <p>20. Its surface looks like Morse code under a microscope (abbr.)</p> <p>22. Radial or azimuthal</p> <p>25. "l" in Spanish</p> <p>27. Replace me when I burn out</p> <p>31. Appear to be</p> <p>33. (2 words) A covering to prevent dust accumulation</p> <p>34. Night time (abbr.)</p> <p>35. Female woolly animal</p> <p>36. The day before</p> <p>38. Sample</p> <p>39. Lets the light through</p> <p>44. Single-bladed wood-cutting implement</p> <p>45. Bellatrix, The Red Queen, Madame Thénardier actress</p> <p>46. (pl.) Zernike developed this contrast microscopy</p> <p>54. A US Federal agency that verifies the safety of new medications</p> <p>55. TiVo</p> <p>56. Bird-to-be</p> <p>57. The end of a boxing match (abbr.)</p> <p>59. Digital address (abbr.)</p> <p>60. Spelled-out nickname for a primary transportation system in Chicago</p> <p>61. Causes position error in images (abbr.)</p>