**Figure 1:**

- **a, b:** Box plots showing the distribution of Peak Count and Avg. Peak Amplitude for DMSO and Water controls, and DMSO and Water treated with CDD.
- **c, d:** Scatter plots comparing Average Peak Amplitude (Z-score log2(fold-change)) vs. Peak Count for DMSO and Water controls and treated with CDD.
- **e:** Pie charts illustrating the number of compounds with different numbers of peaks (Class 1, 2, and 3) for Control and CDD treatments over 3, 4, and 6 weeks.
- **f, g:** Images showing cell morphology for CDD and Control groups over 48 hours, 3 weeks, and 6 weeks, with area measurements in square micrometers.
- **h:** Bar graph showing the number of compounds associated with various biological pathways.
- **i:** Table listing compounds with their migration distances in micrometers.
- **j:** Bar graph comparing migration distances for Control, CDD untreated, AZD1080, Crinoneptol, Ivabradine, and Solfenach.