# AOD Microscope Controls

# CTAK UI Actions

### Node placement

|  |  |  |
| --- | --- | --- |
| **Key 1** | **+ Key 2** | **Action** |
| Mouse Btn 1 |  | Inserts a node and ‘segment’ from active node position (active node is yellow) |
| Mouse Btn 1 | Shift | Moves active node to click point |
| Mouse Btn 1 | Shift + CTRL | Moves all points ‘below’ active node from point to click point difference |
| Mouse Btn 1 | CTRL | Deletes node that is clicked on |
| ‘a’ |  | Adds a node between parent and the active node (active node must have parent) |

### MOVING NODES AFTER PLACMENT

|  |  |  |
| --- | --- | --- |
| **Key 1** | **+ Key 2** | **Action** |
| I |  | Moves a node up on the screen 1 pixel |
| K |  | Moves a node down on the screen 1 pixel |
| K | CTRL | Move ENTIRE neuron down 1 pixel |
| J |  | Moves a node LEFT on the screen 1 pixel |
| J | CTRL | Move ENTIRE neuron to the LEFT 1 pixel |
| L |  | Moves a node RIGHT on the screen 1 pixel |
| L | CTRL | Move ENTIRE neuron, to the right 1 pixel |
| H |  | Move node to ‘lower’ plane |
| H | CTRL | Move ENTIRE neuron, one image lower |
| U |  | Move node to ‘higher’ plane |
| U | CTRL | Move ENTIRE neuron, one image higher |

### POI Selection Keys - SWITCHING FROM NODE-to-NODE ON THE SCREEN AFTER PLACMENT

|  |  |  |
| --- | --- | --- |
| **Key 1** | **+ Key 2** | **Action** |
| S |  | Selects parent of active POI |
| D |  | Selects 1st child of active POI |
| F |  | Selects next sibling of active child POI after branching POI |
| B |  | Add POI (i.e. node) to the **active analysis list** |
| B | CTRL | Clears all POIs from the **active analysis list** |

### dDRAW

|  |  |
| --- | --- |
| **Key** | **Action** |
| W | Switches between images channels (i.e. colors; NOTE: scancode 31) |
| Mouse wheel up/down | Switch between image planes |
|  |  |