Tube Formation @ TL1 with Axiovision

- 48 well plates – cells on matrigel – No more than 10 wells per experiment, preferably less as setup is extended and the experiment is progressing before sampling commences.
- Workspace → microscope → 2.8V-3V.
- Workspace → camera → check full frame, no binning, high quality.
- Tools → options → acquisition → auto save.
- Tools → options → display → constant update.
- X5 objective.
- Set experiment parameters: image name, channels, time interval 10 minutes, duration, dish calibration, set five positions per well in a cross pattern.
- Remove dish from system and aseptically (in laminar flow hood) add medium/required factors.
- Return dish, set up Kohler illumination.
- Uncheck “include focus in move”.
- Go over all positions and correct focus.
- Check “include focus in move”.
- Set exposure time.
- Use “current focus position”.
- START
- Monitor after one or two hours.
- Leave overnight on “autofocus from current position”.