

**Materials List for:**

# **Nanotopology of Cell Adhesion upon Variable-Angle Total Internal Reflection Fluorescence Microscopy (VA-TIRFM)**

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## **Materials**

| <b>Name</b>                                        | <b>Company</b>   | <b>Catalog Number</b>         | <b>Comments</b>                                      |
|----------------------------------------------------|------------------|-------------------------------|------------------------------------------------------|
| Incubator                                          | Nunc             | Nunc Cellstar QM1300SVBA      |                                                      |
| Laminar flow                                       | Holten Safe      | S2010 1.2 EN GG 1LN           |                                                      |
| DMEM + 10%FCS + 1 % Penicillin / Streptomycin      | BIOCHROM         |                               | Cultivation medium                                   |
| Glass object slides                                | Marienfeld       | Pure white glass              | Special cleaning procedure used                      |
| 6-dodecanoyl-2-dimethylamino naphthalene (laurdan) | Molecular Probes |                               | Fluorescent marker (Stock solution: 2 mM in ethanol) |
| Microscope                                         | Carl Zeiss       | Axioplan 1                    |                                                      |
| Laser diode                                        | PicoQuant        | LDH 400 with driver PDL 800-B | Wavelength: 391 nm                                   |
| Single mode fiber system                           | Point Source     | kineFlex                      | Used with collimating optics                         |
| EMCCD camera                                       | Andor            | DV887DC                       | Back illuminated camera                              |