

Materials List for:

Imaging Pheromone Sensing in a Mouse Vomeronasal Acute Tissue Slice Preparation

Julien Brechbühl¹, Gaëlle Luyet¹, Fabian Moine¹, Ivan Rodriguez², Marie-Christine Broillet¹

¹Department of Pharmacology and Toxicology, University of Lausanne

²Department of Genetics and Evolution, University of Geneva

Correspondence to: Marie-Christine Broillet at Marie-Christine.Broillet@unil.ch

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Materials

| Name | Company | Catalog Number | Comments |
|---|------------------------|----------------|---|
| Adenosine 5'-triphosphate disodium salt solution (ATP) | Sigma-Aldrich | A6559-25UMO | |
| Agar | Sigma-Aldrich | A7002-100G | Preferentially for immunohistochemistry |
| Agar (low-melting) | Sigma-Aldrich | A0701-25G | Preferentially for calcium imaging |
| CL-100 Bipolar Temperature Controller | Warner Instruments | W64-0352 | |
| Confocal Microscope | Leica Microsystems | SP5 AOBS | |
| Cy5-AffiniPure Goat Anti-Mouse IgG | Jackson ImmunoResearch | 115-175-071 | Protect from light |
| DMSO (Dimethyl Sulfoxide) | Merck & Co., Inc. | 317275-100ML | |
| Embedding molds, Peel-A-Way | Polysciences, Inc. | 18646A-1 | 22 x 22 x 20 mm |
| Fluorescent mounting media (Vectashield with DAPI, 10 ml) | Rectolab | H-1200 | |
| FURA-2AM | Teflabs | 0103 | Protect from light |
| Glisseal N (vacuum grease, 60 g) | Borer Chemie | Glisseal N | |
| Large bath recording chamber (RC-26G) | Warner Instruments | 64-0235 | |
| MetaFluor (software for calcium imaging; v.7.6.5.0) | Visitron Systems | | |
| Monoclonal Anti-Tubulin, acetylated Mouse antibody | Sigma-Aldrich | T6793-.2ML | |
| Normal goat serum (NGS, 10 ml) | Interchim | UP379030 | |
| Platform for chambers (P-1) | Warner Instruments | 64-0277 | |
| Pluronic F-127, 2 g | Invitrogen | P-6867 | |
| Roti Coll (Dosing bottle, 10 g) | Carl Roth GmbH | 0258.1 | |
| SC-20 Dual In-line Solution heater/ Cooler | Warner Instruments | W64-0353 | |
| Slice anchor (SHD-26GKIT) | Warner Instruments | 64-0266 | |
| Stereofluorescence microscope | Leica Microsystems | MZ16FA | |
| Super PAP PEN (hydrophobic pen) | Pelco International | 22309 | |
| Triton X-100 | Fluka | 93420-250ML | |
| Vibrating blade microtome VT 1200S | Leica Microsystems | 14048142066 | |
| VisiChrome high speed polychromator system | Visitron Systems | | |

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| 3D Data Visualization (Imaris; v.6.3.1) | Bitplane Scientific Software | | |
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