Materials List for:

Studying the Integration of Adult-born Neurons

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**Materials**

- Cutting solution (in mM): 110 choline chloride, 2.5 KCl, 1.3 KH\(_2\)PO\(_4\), 25.0 NaHCO\(_3\), 0.5 CaCl\(_2\), 7 MgCl\(_2\), 10 dextrose, 1.3 sodium ascorbate, 0.6 sodium pyruvate, 5.0 kynurenic acid.
- Artificial cerebro-spinal fluid (ACSF, in mM): 125.0 NaCl, 25.0 NaHCO\(_3\), 2.5 KCl, 2 CaCl\(_2\), 1.3 KH\(_2\)PO\(_4\), 1.3 MgCl\(_2\), 1.3 sodium ascorbate, 0.6 sodium pyruvate, 10 dextrose.
- Internal solution for whole-cell patchclap (in mM): 120 potassium gluconate, 15 KCl, 4 MgCl\(_2\), 0.1 EGTA, 10.0 HEPES, 4 MgATP, 0.3 Na\(_3\)GTP, 7 phosphocreatine (pH 7.4, 300 mOsm).