

# Single Cell RNA Sequencing

## Tools for Single Cell Analysis

Single Cell RNA Sequencing (scRNA-seq) enables unprecedented insight into the biology of individual cells and tissue complexity. BioCat offers comprehensive tools for the complete single cell RNA sequencing workflow.

### CELL PREPARATION

#### **Precellys Evolution Touch Sample Homogenizer**

A special protocol for grinding tissue and preparing cells for single cell analysis applications is available.

### CELL COUNTING

#### **LUNA-FX7 Automated Cell Counter**

Accurate and reliable assessment of both quantity and quality of cells and isolated nuclei is key for single cell sequencing applications.

### SINGLE CELL RNA LIBRARY CONSTRUCTION

#### **PIPseq 3' Single Cell RNA Kits**

PIPseq technology uses a simple vortexer and standard lab equipment to enable the conduction of single cell RNA sequencing studies at a wide range of scales.

### SINGLE CELL RNA BOOSTING

#### **DepleteX Single Cell RNA Boost Kit**

DepleteX removes abundant and uninformative fragments before sequencing, resulting in 50% more useable reads.

[www.biocat.com/single-cell-rna-seq](http://www.biocat.com/single-cell-rna-seq)

Cell Preparation

Cell Counting

Single Cell RNA  
Library Construction

Single Cell RNA  
Boosting

NGS