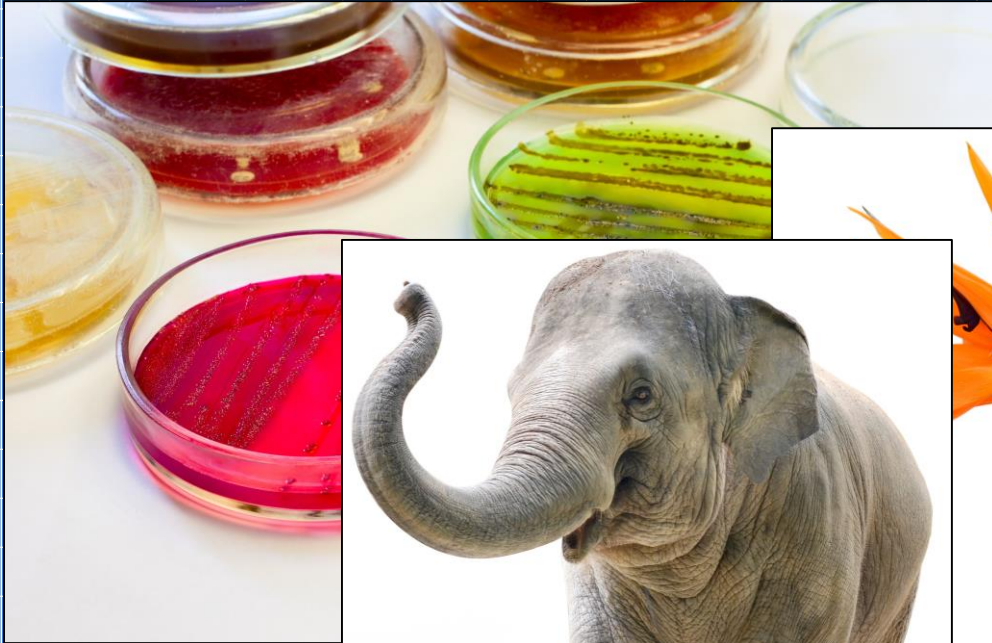


CRISPR: Hacking the genome

How gene editing is changing
the future of healthcare and
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```
testDivideByScalar() { $matrix = new Matrix([ [3, 4, 2], [4, 5, 5], [1, 1, 1], [1, 1, 1] ]); $this->assertEquals($matrix->divideByScalar(2)->toArray()); } /** * @expectedException \Phpml\Exception\MatrixException */ public function testThrowExceptionWhenInverseIfArrayIsNotSquare() { $matrix = new Matrix([ [3, 4, 2], [4, 5, 5], [1, 1, 1], [1, 1, 1] ]); $this->assertEquals($matrix->inverseMatrix(), $matrix->inverseMatrix()); } $matrix = new Matrix([ [3, 4, 2], [4, 5, 5], [1, 1, 1], [1, 1, 1] ]); $this->assertEquals($matrix->toArray(), $matrix->toArray()); } Contact GitHub API Training Shop Blog Create MatrixFromFlatArray() { $flatArray = [1, 2, 3, 4]; $matrix = new Matrix($flatArray); $this->assertEquals($matrix->toArray(), $flatArray); } $matrix = new Matrix([ [3, 4, 2], [4, 5, 5], [1, 1, 1], [1, 1, 1] ]); $this->assertEquals($matrix->getColumnValues(4), [3, 4, 1, 1]); } /** * @expectedException \Phpml\Exception\MatrixException */ public function testThrowExceptionWhenInverseIfArrayIsNotSquare() { $matrix = new Matrix([ [1, 2, 3], [4, 5, 6], [3, 3, 3], [4, 2, 1], [5, 6, 7], [3, 2, 1], [1 / 2, 5, 6, 7, 1, 1], [3 / 2, 7 / 2, 2, 0, 0] ]); $this->assertEquals(1116.5035, $matrix->inverseMatrix()); } }
```

