01-introduction

January 13, 2020

1 Introduction

1.1 What *not* to expect:

- Any kind of machine learning (so naturally no deep learning)

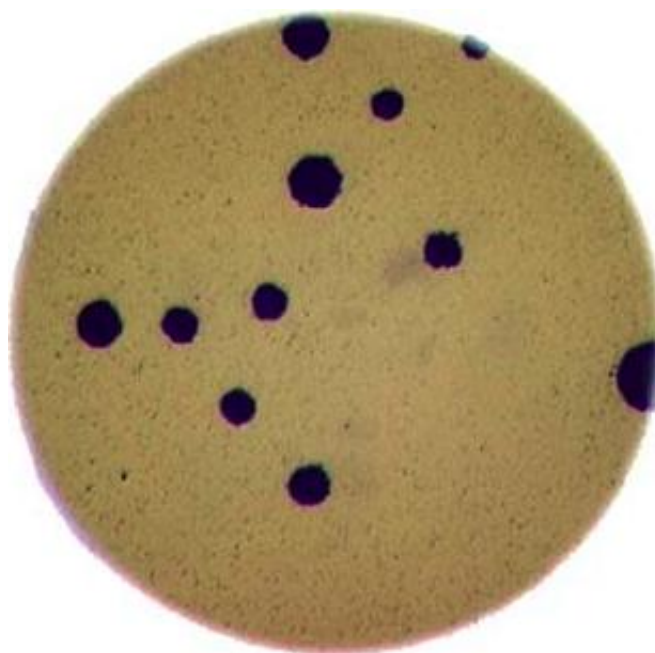### 1.2 What to expect

- "classic" image processing

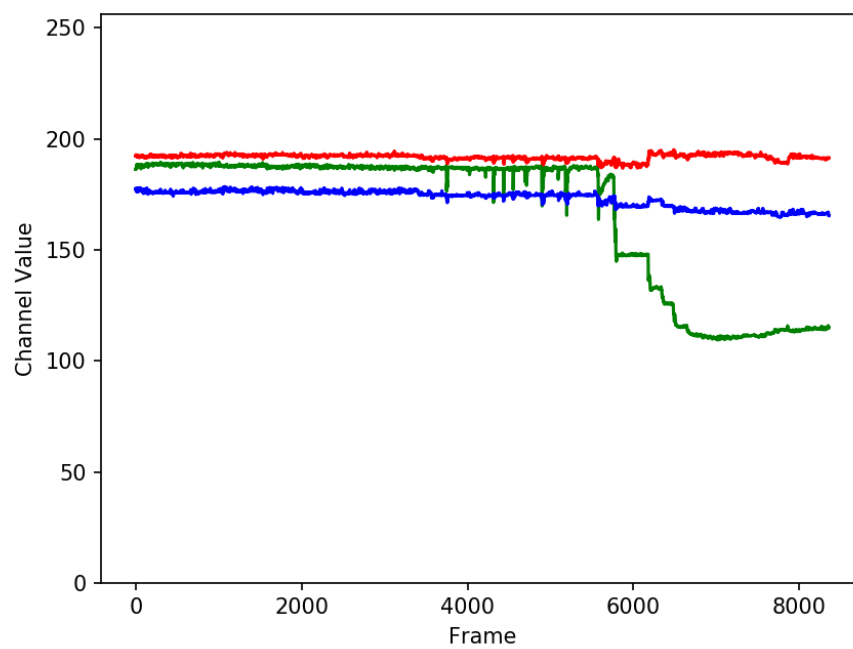### 1.3 The Challenges

1.3.1 Morphometrics

- how many colonies?
- size distribution
- ...

1.3.2 Calorimetrics

- measure color characteristics
- given a movie: detect color changes

Bacteria colony

Titration colors