## BE/APh 161: Physical Biology of the Cell

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## 2 Principles of estimation

In this lecture, we worked together in class to estimate the number of ribosomes in a cell. This is an exercise better experienced in class getting our hands dirty that in written lecture notes. However, we covered the six important principles to remember when doing estimation, which I write down here.

- 1. Fear not!
- 2. Divide and conquer.
- 3. Talk to your gut.
- 4. Lie skillfully.
- 5. Guerilla warfare.
- 6. Cross-check.