Announcements (Mod2 Day 2)

- Quiz

- Atissa: Lecture on presentations
- Reading period
  - (+) take a peek at your cells
- Journal article discussion (16-336)
2009 iGEM Competition
Synthetic Biologists Wanted

What is iGEM?
The international genetically engineered machines (iGEM) competition is a synthetic biology competition where students design and build biological machines using DNA parts. Teams from all over the world will present their work at MIT in the fall.

MIT iGEM Team
We are seeking 4 talented undergraduates to engineer biological systems full-time this summer under the guidance of graduate and faculty advisors. You will receive a stipend for the summer.

Requirements
Biology lab experience would be useful but is not required. Enthusiasm and commitment are a must!

How to apply
Application is available at www.mitigem.org. Deadline is April 3 (Friday).

Info Session: March 31 at 4:30 and 5:15pm in 36-614
Announcements

- iGEM competition
- Next week: class begins 1:30 pm
- Splitting cells recap.

Case 1

Cells: \(1M \times 10^6\)

Area = \(A\)

\(V = 1\text{mL}\)

\[\begin{align*}
1:2 &\quad 0.5M \\
V_{\text{cells}} &= 0.5\text{mL} \\
V_{\text{med}} &= 2.5\text{mL}
\end{align*}\]

Area = \(A\)

\(V = 3\text{mL}\)
Announcements (cont)

Case 2

Cells: 1M 1mL
Area = A

1:2 → 0.5M A
0.5mL cells

1:2 → 0.5M A
0.5mL cells

Last time: 1x, 1x5, 1:6, 1:15

Case 3

Cells: 1M
Area = A

1:2 → 1M
1mL cells

Area = 2A

voided to total