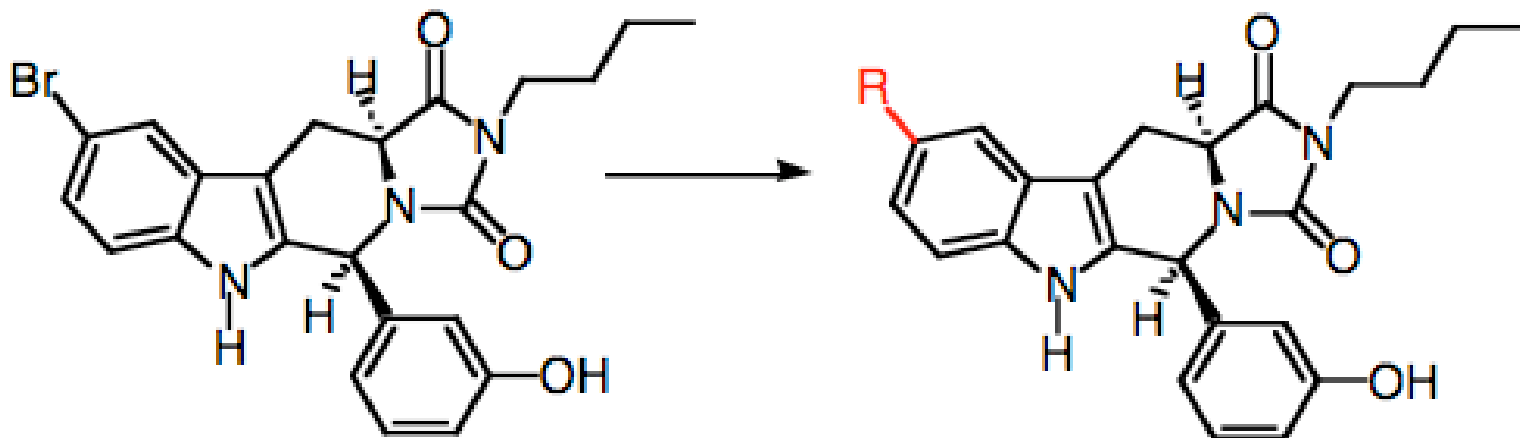


**Why Open Access Publishing?
The View from the Trenches**

**Gary Ward, University of Vermont
3/16/11**

The access problem: impact on research

e.g., What is the best way to radioactively label compound 793?



The access problem: impact on teaching

e.g., how can drugs be modified to cross the blood-brain barrier?



http://en.wikipedia.org/wiki/File:Blood_Brain_Barriere.jpg

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- Physicians
- Patients, advocacy groups
- Public Health officials
 - Berger, M. *Making Flu Articles Available for Flu Planning*. *Science* (2007) 316, p49



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Why is improving access important to research?

- 🔓 It will level the playing field
- 🔓 It will accelerate the rate of scientific progress
 - *the more widely scientific results are disseminated, the more readily they can be expanded upon or influence other people's thinking, and therefore the more valuable they become for everybody*
 - *more access = more visibility*
- 🔓 Improved searchability, data reuse & new approaches to database integration will generate new discoveries

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