

Collaborative Research Training

Researchers today in the medical, biological, and pharmaceutical research fields are increasingly working in areas of collaboration, with multidisciplinary teams focused on a problem at the interface of one or more traditional research disciplines. This is where the greatest scientific challenges and opportunities for advancing science and the areas in which we may have the greatest impact on improving human health exist. Today we train our graduate students in a multidisciplinary environment with collaborators in different departments bringing a required expertise to focus on a research goal. These multidisciplinary projects that cross the boundaries between traditional departments require a training, skill, and technology that cannot be provided by any one laboratory or discipline. Students adapt well to this multidisciplinary and collaborative approach to research, and are significantly challenged by the task of working at the interface between disciplines. This type of training would appear to be excellent training for students seeking a career in academia. However, this is not necessarily the case, since a young faculty member must find a place to establish a research program. You cannot get started in academics with the “big” projects. Alternatively, students who choose an industrial career path are positioned into traditional departments that are likely to be somewhat more rigid than academic departments. Neither academic nor industrial institutions are structured to take full advantage of the type of graduate and postdoctoral training that we are now providing in the multidisciplinary research environment of academia. This is particularly true in the applied developmental sciences where the academic focus is on research and the industrial focus is on development. The rapid advances in molecular pharmaceutics over the last decade have heightened this tension between research and development training. This is not a new tension, of course, but requires that we continue to adapt and evolve our approach to research, training, and management to better advantage institutions, both academic and industrial, of the skills of our highly trained young scientists in the 21st century.

We are pleased to inform you that the American Chemical Society has received notice that *Molecular Pharmaceutics* has been accepted into the National Library of Medicine MEDLINE database. While we fully expected that *Molecular Pharmaceutics* would be accepted into the MEDLINE database, it is reassuring that we were accepted into the database on our initial application. *Molecular Pharmaceutics* will be included in MEDLINE from Volume 1, Issue 1. We want to thank the authors, reviewers, and scientific community for your continued support. It is your continued support that is responsible for the success of *Molecular Pharmaceutics*.

Gordon L. Amidon
Editor-in-Chief

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