

**Translational Studies in Heart Failure
The College of Integrated Life Sciences:
an Academic Model for Fostering Translational Research.**

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Translational research requires a team of investigators with diverse skill sets unlikely to be found in a single individual, i.e. investigators skilled at working with pre-clinical models including animals, patient-derived samples employing sophisticated molecular techniques, advanced technologies such as imaging and biomarkers for study of human subjects, in depth knowledge of clinical trial design, and quantitative skills that encompass biomedical informatics, biostatistics, and epidemiology. In addition to this team of investigators, many of whom may be found on a university faculty, translation of a concept into a product that can be used in the clinic often requires a partnership between academia and the private sector. A new infrastructure is needed within academia to support the various types of expertise and collaborations needed to progress along the translational continuum. The model we have developed at the University of California San Diego is the College of Integrated Life Sciences. This talk will describe this model and the progress we have made in implementing this model.