

10. FACILITIES AND OTHER RESOURCES

Facilities:

A. Laboratory

The BLISS Laboratory is a 4000 ft² facility located in the University of California, San Diego, California.

hood and access to the University's ethernet computer network. This lab space is divided into three main areas: a main research lab (around 800 ft²), a smaller lab used for radioactive based work and net

(1) Provide support for meritorious research

Marquette University and the Department of Biological Sciences strongly support research by faculty and students. Meritorious research is supported and recognized at Marquette at a number of levels

The University has established endowed faculty fellowships termed the *Way Klingler Faculty Development Awards*. These include the *Way Klingler Young Scholar* awards, which are awarded to junior faculty (one semester sabbaticals) to provide teaching relief to advance their research program prior to the tenure process. *Way Klingler Fellowships* competitively awarded to tenured faculty, are 3-year fellowships designed to support senior faculty and advance their research programs. The

experiences. A key element of the research experience provided to our students is the close integration of our undergraduate and graduate programs. Each faculty member runs a small research group (traditionally 2-5 members), primarily composed of undergraduate and graduate students, with team mentoring strongly emphasized. Undergraduate students therefore work alongside the graduate students, both are closely mentored directly by the faculty themselves. Our graduate program is relatively small with approximately 25 students, which allows for maximum mentoring opportunities between faculty and student and allows for the creation of a research-oriented educational

Undergraduate researchers in my research lab have been critical to the Aim31 project until now and will continue to be. It is important to note that this Aim31/Hig1 project was initiated in my lab as a result of an observant and talented undergraduate Andrew Furness (currently PhD student at UC-Riverside, CA). Andrew, followed a second talented undergraduate, Micaela Robb-McGrath (to attend Univ.

The following major equipment items are located in the PI's laboratory

Beckman Optima MaxE table top analytical ultra centrifuge plus rotors (2)

Beckman Optima L-90 K, floor ultracentrifuge

Beckman Avanti J-25, floor centrifuge plus rotors (2)

Amersham Pharmacia FPLC system, with computer and fraction collector & multiple columns

Hereaus Stratos refrigerated table top, high-speed centrifuge and rotors (2)

