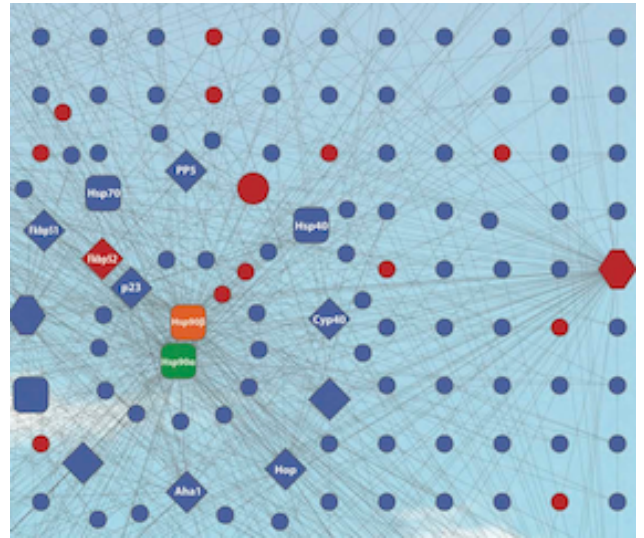


Projects for Master's in biology

Group:

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Projects:

- **Signaling by the estrogen receptor α - molecular mechanisms and relevance to breast cancer.** We use a wide range of molecular, cellular, and genetic approaches to investigate the factors that shape ER α responses. Whenever appropriate, we explore their role for the development, progression and treatment resistance of breast cancer using cell lines.
- **Systems biology of the Hsp90 molecular chaperone machine.** Hsp90 is a key molecular chaperone both for normal cells and cancer. We investigate the functional interactions of Hsp90 and its cofactors at the cellular level, both under normal circumstances and when protein homeostasis (proteostasis) is perturbed.

When: any time.