

## **Inventorship and Authorship**

XYZ Company has a research project on discovery of new protease inhibitors of key enzymes in the body's blood pressure regulating system. Barb, a synthetic chemist, believes that attachment of selective electron withdrawing groups to certain amino acids may increase potency and decrease side effects. Based on known synthetic methods, she outlined to the scientist, Pete, working with her, a procedure for attaching such groups to their "key molecule".

Pete began the synthesis, but he found that higher temperatures and a different aromatic solvent gave improved reaction times, and the product was more readily separated from solution.

Barb and Pete sent samples of the novel compounds to the biochemistry group and asked both Dana and Shirley to test the compounds for enzyme activity by the published procedure Dana had designed earlier at the Beta Company.

The compounds were biologically active, and Barb submitted a patent proposal to XYZ's patent group.

The proposed claims would include:

- 1) claims to the novel compositions, and
- 2) claims to use of the compositions as protease inhibitors.

### **The questions for the class:**

- 1) Who is/are the inventor/coinventors?
- 2) When this work is published, who do you think should be authors on the papers?