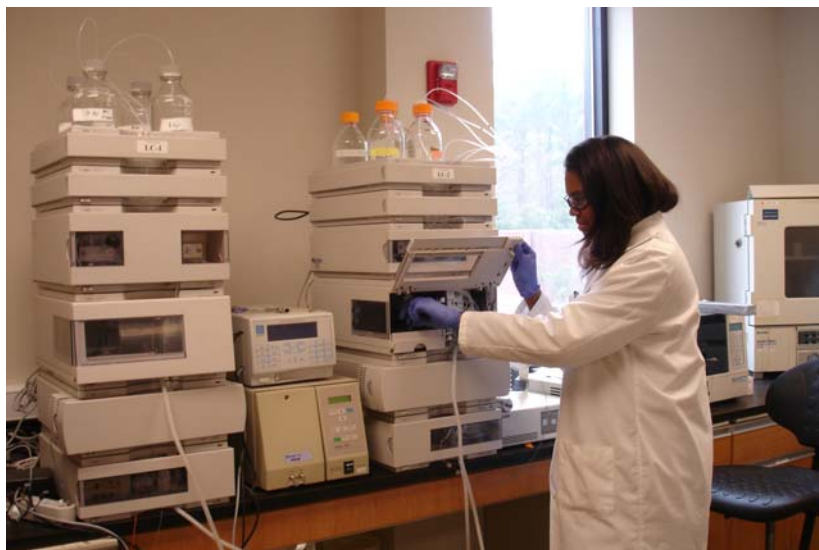


# Analytical Services

## Supporting Product Development



### Separations Science

- Analytical methods development per FCC, ICH, & FDA guidelines
  - Drug substances & excipients
  - Peptides & proteins
  - Oral, topical, & liquid dosage forms
  - Nutraceuticals
  - Medical devices

### Natural Product Purification

- Analytical and preparative separations using HPLC and LPLC platforms
- Both chiral and achiral separations
- Metal-free systems
- Gram-to-kilogram natural product purification capability



### Isolation and Structure Elucidation

- Isolate impurity by various methods including HPLC, SPE, LLE, etc.
- Elucidate structure by the combination of various analytical techniques, including NMR, LC-MS, IR, etc.

*BioLink's analysts provide analytical and separation services to support all phases of product development.*

### Specialized Testing

- To address unusual parameters (e.g., melamine testing in foods)
- To support combination products

### Physical & Chemical Characterization Services

- Thermodynamic and kinetic solubility
- Log P/log D determinations
- pKa determinations

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