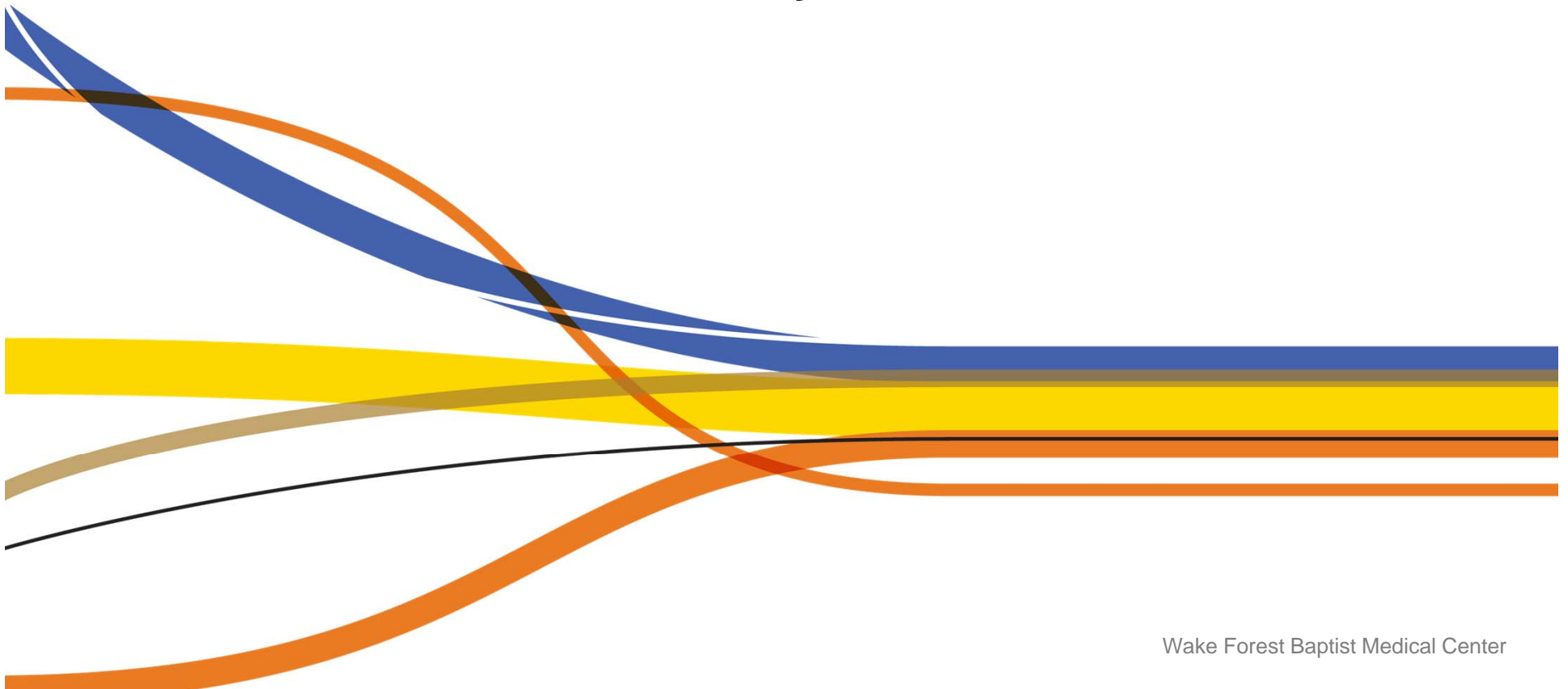


Cell and Viral Vector Core Laboratory (CVVCL)

Director: Purnima Dubey, Ph.D



Scientific Value and Focus of Core

- To support high quality research and enable WFUSM investigators (both non-CCC and CCC members) to maximize research productivity and enhance competitiveness for extramural funding.
- Services used by more than 100 labs within the medical center

Services Available

- Cell repository
- Cell expansion/cryopreservation/establishment from primary animal and human tissues
- Liquid nitrogen storage facilities
- Mycoplasma assays
- Pathogen testing
- Cell culture media and supplements
- Transfection, retroviral/lentiviral cell transduction
- Production of high titer retroviral/lentiviral/adenoviral stocks
- **Customizable services to suit project needs**

Distribution Center

- Aggressively negotiated discounts with 8 major vendors: Bio-Rad, Sigma, Lonza, LifeTech, Qiagen, Roche, PerkinElmer, Gemini
- **DAILY** ordering to all vendors
- Free shipping/packaging/handling results in significant cost savings
- Items distributed to all campuses daily
- Plastics stockroom on site (Fisher, ISCBioexpress, Sarstedt)

Primary Shared Equipment

- IVIS Lumina Series III

Non-invasive whole body imaging of cell movement, localization and function in rodents

- Hypoxia chamber: for modulation of cell growth environment
- Belo-Cell: for large-scale expansion of cell lines

Contact Information

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