### Research Supplies & Other Expenses

**Budget Strategy**

1. **Breakdown the essential costs of supplies and other project-related expenses**
   - **Consumables**: Gloves, animal culture, RT PCR, westerns collection & processing, cell culture, RT PCR, westerns, etc.
   - **Lab plastics**: $X2
   - **Core Services**: Animal Care & Core Services
   - **Software**: Cost = 175 days × per diem rate/day = annual costs

2. **Itemize**
   - **Lab Supplies**
     - **Chemicals & Reagents**: DNA/RNA isolation kits, Luminex multiplex assays, RNAscope kits, DNA/RNA isolation kits, Luminex multiplex assays, RNAscope kits
     - **Equipment**: Microscope, PCR machine, gel dryer, etc.

3. **Perform cost calculations**
   - **Supplies & Other Expenses**: Absorb unexpected increases due to possible. Padding the budget will allow you to round up cost calculations when necessary.

### Example Costs

- **Consumables**
  - Gloves
  - Animal culture
  - RT PCR
  - Westerns collection & processing
- **Lab plastics**
  - $X2
- **Core Services**
  - Animal Care & Core Services
- **Software**
  - Cost = 175 days × per diem rate/day = annual costs

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**With this information you will have**

1. **An accurate estimate of what you need to budget for supplies and other expenses each year**
2. **A framework for preparing these sections of your budget and justification**
3. **A precise estimate of the budget is really the best**
   - for personnel, consultant fees, travel, patient care
   - for the volume of work anticipated
   - for the funding amount needed to cover the work proposed (as it fits with the other budgetary components)

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**Outline**

- **Supplies**
- **Other Expenses**
  - **Direct**
    - Consumables, Core Services, Animal Care, Software, Maintenance
  - **Indirect**
    - Travel, Patents, Intellectual Property, Subcontracts, Costs of doing business, Proprietary Costs, Non-Sponsored Costs

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**Assay Kits**

- **Tip #1**
  - Use accurate list or quoted price for calculation.
  - Generated, obtain a price quote from the vendor.
  - If custom animal models are cell lines are to be live animals ready for distribution, additional fees may apply if cryopreserved embryos vs. frozen embryos.

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**Cell Lines**

- **Tip #2**
  - Determine the average # cages maintained per year.
  - Obtain a quote estimate for the work/measures performed by your lab prior to the services, these funds across award years (unless of particularly high expenses and hitting only in a specific year of the award after results are generated, last 1-2 years of the award).

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**Core Services**

- **Tip #3**
  -Costs for sample preparation software for manuscript licensing fees, graph prism.

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**Breakdown Costs**

- **Supplies & Other Expenses**
  - **Consumables**
    - Gloves
    - Animal culture
    - RT PCR
    - Westerns collection & processing
  - **Lab plastics**
    - $X2
  - **Core Services**
    - Animal Care & Core Services
  - **Software**
    - Cost = 175 days × per diem rate/day = annual costs

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**Outcomes**

- **Supplies**
  - **Chemicals & Reagents**
    - DNA/RNA isolation kits
    - Luminex multiplex assays
    - RNAscope kits
  - **Equipment**
    - Microscope
    - PCR machine
    - Gel dryer

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**References**

- DLAR ANIMAL CARE & CORE SERVICES
- Core Services
- Animal Care & Core Services
- Software
- Maintenance
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- Core Services
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- Software
- Maintenance

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