**Competency Wheel**

**TDR Global Competency Framework for Clinical Research**

**Design & Planning of Research**
- Health-related knowledge
- Research methodology
- Developing a protocol
- Attracting funding

**Protocol Operationalization**
- Developing study plans and documents
- Developing the QMS and SOPs
- Developing the CRF and DMS

**Interpretation of Study Results**
- Analysing data
- Disseminating research findings

**Scientific Thinking**
- Cognitive skills
- Strategic leadership
- Interpersonal skills

**Professional skills**
- Language & communication
- Organisational skills
- Record-keeping
- Computer & IT skills
- Work ethic

**Oversight**
- Initiating study
- Closing study
- Project management
- Tracking study progress

**Study Communications**
- Reporting
- Liaising or acting as a link
- Facilitating or attending meetings

**Staff Management**
- Human resources
- Creating or delivering training
- Supervising or mentoring

**Resources Management**
- Overseeing essential documents
- Logistics and facilities management
- Finances management

**Clinical & Laboratory Operations**
- Providing clinical care
- Ensuring appropriate use of IMPs
- Handling biomedical products
- Performing laboratory assays

**Interaction with Public & Participants**
- Engaging with the community
- Enrolling and retaining participants
- Supporting and advising participants throughout the informed consent process

**Data Flow**
- Creating and maintaining a database
- Collecting accurate data
- Data management

**Ethics, Quality & Risk Management**
- Good Clinical (or other) Practice
- Working as per the QMS
- Controlling quality of research

**Quality Assurance**
- Securing or maintaining approvals
- Securing or maintaining contracts
- Governance and organisational context
- Research regulations

**Regulations & Governance**
- Securing or maintaining approvals
- Securing or maintaining contracts
- Governance and organisational context
- Research regulations

**Safeguards**
- Ethics and human subject protection
- Risk and safety management
- Determining liability and insurance needs