Proposed sequential steps for the establishment of a successful TM initiative: Long-term Model (Bench-to-Bedside)

1. Identify novel and promising ideas relevant and close to clinical implementation
2. Council during the transition from pre-clinical to clinical (phase 0-1 stage) phase
3. Design clinical trial
4. Build infrastructure

- Create monitoring system
- Optimize scientific return of information independent of treatment outcome to verify
  - Achievement of biological end-points
  - Identify predictive biomarkers
- Built a network of science support centered around the clinical research unit coordinated by the clinical scientist (ad hoc model)

The Translational Medicine Unit

- Ethicist/regulatory support
- Dedicated supporting clinical staff (Radiologist, pathologist, surgeon, internist etc)
- Nurse coordinator
- Clinical Data Management
- Statistician
- High throughput core
- Pre-clinical
- Basic Science
- Bioinformatics