Position: Associate Director, Clinical Imaging Lead  
Department: Imaging/Preclinical Modeling and Computational Science (PMCS)

**Job Description**
Vertex is seeking a Clinical Imaging Lead (CIL) to provide strategic, scientific, and operational leadership to impact drug development. Expertise and hands-on experience in MRI imaging in the pharmaceutical industry is required. The CIL will apply their expertise to address problems in drug development for diseases with unmet medical need. This role, with a high impact on the drug development strategy, will support clinical trials in all stages of drug development (Phase 0 to Phase IV studies). The key deliverable of this role is designing and implementing the imaging endpoints in Vertex's trials. To do so, the CIL will collaborate across various Vertex departments, as well as with external KOLs and imaging CROs. In addition, the CIL will closely collaborate with Vertex's preclinical imaging team to discover novel imaging biomarkers.

**Responsibilities**
- Provide subject matter expertise on incorporation of imaging endpoints in Vertex's clinical trials.
- Design the imaging endpoints and oversee their execution to ensure delivery of high-quality results in compliance with corporate and all federal regulations.
- Provide guidance to drug development teams about appropriate imaging modalities for the clinical need, and articulate the operational feasibility, advantages, and challenges of various imaging modalities.
- Represent Clinical Imaging as a key member on multidisciplinary teams (consisting of medical directors, clinical operation leads, clinical biomarker leads, clinical pharmacologists, biostatisticians, etc.)
- Collaborate closely with Vertex's preclinical imaging team to design and execute translational/method-development imaging trials.
- Perform exploratory image analysis of clinical imaging data, internally or through external collaborators, to develop novel imaging biomarkers.
- Develop and maintain a network of external imaging experts and imaging CROs.

**Required Qualifications**
- MD and/or PhD in a related field (physics, engineering, applied mathematics, etc.) with 8+ yrs. pharmaceutical industry experience applying clinical MRI to drug development.
- Expertise and training in MRI imaging and hands-on experience in acquisition and analysis of MRI data in a clinical setting.
- Understanding of the drug development process and how imaging is utilized to impact decision making.
- Experience in multi-modality imaging is highly desired (MRI/CT/Ultrasound/PET).
- Experience working on multidisciplinary trial teams and with imaging CROs.
- Excellent networking, interpersonal, and communication skills, and ability to drive global collaborations across a matrixed organization.

To apply directly for this position, please visit: [https://vrtx.wd5.myworkdayjobs.com/Vertex_Careers/job/Boston-MA/Associate-Director--Clinical-Imaging-Lead_REQ-9710](https://vrtx.wd5.myworkdayjobs.com/Vertex_Careers/job/Boston-MA/Associate-Director--Clinical-Imaging-Lead_REQ-9710)