

### 3<sup>rd</sup> Annual Neuro-Oncology Symposium

#### **Pre-Conference Workshop Radiomics and Radiogenomics for Brain Tumors (RRBT)**

**Friday, September 2, 2022 | 8:30am to 5:00pm**

**Venue: Anatomy and Surgery Learning Studio (ASLS)**

**Aga Khan University, Karachi**

#### **Programme**

<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
08:30am to 08:50am	Registration	ASLS
08:50am to 09:00am	Introduction and Welcome	Prof. Syed Ather Enam
09:00am to 09:20am	<b>Introductions and Pre-workshop evaluation</b>	
09:30am to 10:10am	Introduction to AI – key concepts and terms	Dr. Shahabuddin Ansari (GIK)
10:10am to 10:50am	Applications of Radiomics and Radiogenomics in Neuro-oncology	Dr. Kiran Aftab
10:50am to 11:05am	<b>Tea break</b>	
11:05am to 12:45pm	<b>Hands-on session:</b> 'Installation of 3D slicer and Annotation of brain tumor scans	Dr. Kiran Aftab and Ms. Ummul Wara Khan
12:45pm to 01:45pm	<b>Lunch and Prayer break</b>	
01:45pm to 02:25pm	Radiomics for radiotherapy in brain tumors	Dr. Bilal Mazhar Qureshi and Dr. Saad Bin Saeed
02:25pm to 03:05pm	Brain tumor segmentation and outcomes prediction	Dr. Ahmad Raza Shahid (NU-FAST)
03:05pm to 03:15pm	<b>Tea break</b>	
03:20pm to 03:50pm	Ethical issues and challenges in clinical translation	Dr. Kiran Aftab
03:50pm to 04:25pm	<b>Hands-on session:</b> 'Annotation of brain tumor scans and feature extraction using 3D slicer'	Dr. Kiran Aftab and Ms. Ummul Wara Khan
04:25pm to 04:40pm	<b>Post-workshop evaluation and distribution of certificates</b>	
04:40pm to 05:00pm	Closing remarks	Dr. Kiran Aftab