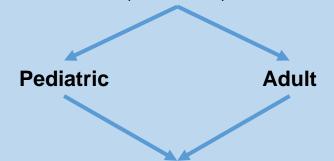
Project 1

Clinical

Pre-Clinical

Aim 1: Mek (AZD6244) Clinical Trial



Data to be Collected

PK

- Sequencing
- Cytokine
- Kinome
- cHSPCs
- Pathology/Histology
- (Angio) Tumor Data (i.e. #/size/volume)

Aim 2: Mek & c-Kit inhibition in pN Mouse Model

Drug Groups

- AZD6244 XL184
- Gleevec
- AZD6244 + Gleevec
- AZD6244 Holiday Schedule
- Controls

Data to be Collected

• XL184 + AZD6244

- PK
- Kinome
- Tumor Data (#/size/volume)
- Pathology/Histology

Aim 3: Role of c-Kit during pN Development

Drug GroupsNone

Data to be Collected

- Tumor Data (#/size/volume)
- Pathology/Histology
- pNF Tumor Progression



Other Linked Studies Outside SPORE Endpoints for Validation Enrichment

- Cabozantinib (XL184) Clinical Trial (Pediatrics)
- Cabozantinib (XL184) Clinical Trial (Adults)
- Plexiform neurofibroma (pNF) and Atypical Neurofibromas (ANF) for Kinome [Matt Steensma, VAI]
- Phase II Imatinib (Gleevec) Clinical Trial
- pNF Patient Data w/KRAS Mutation [CHOP]

Upload into Synapse