

Clinical

Aim 1: Mek (AZD6244) Clinical Trial

Pediatric

Adult

Data to be Collected

- PK
- Cytokine
- cHSPCs (Angio)
- Sequencing
- Kinome
- Pathology

Current Data uploaded into Synapse

- Nothing

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

Drug Groups

- AZD6244
- Gleevac
- AZD6244 + Gleevac
- AZD6244 Holiday
- Controls

Pre-Clinical

Aim 3: Role of c-Kit during pN Development

Drug Groups

- None

Data to be Collected

- PK (Aim 2 only)
- Kinome (Aim2 only)
- Tumor #/Size
- Sequencing (Aim 3, only)
- Pathology/Histology

Current Data uploaded into Synapse

- PK (Aim 2)
- Tumor#/Size (Aim 2)
- Seq Data for ANF Sub-Project (Matt Steensma samples)

Sub-Projects

- XL184 Clinical/Pre-clinical Trial
- Atypical Neurofibromas (ANF)
- Phase II Imatinib Clinical Trial