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ASPERGILLUS TECHNOLOGY CONSORTIUM



AsTeC Overview of Progress to Date

John Wingard, MD
AsTeC Principal Investigator

NIH-NIAID N01-AI-70023
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5/31/07-5/30/14

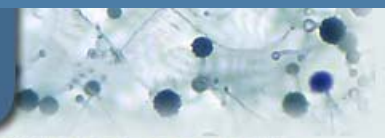
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INVASIVE ASPERGILLOSIS ANIMAL MODELS

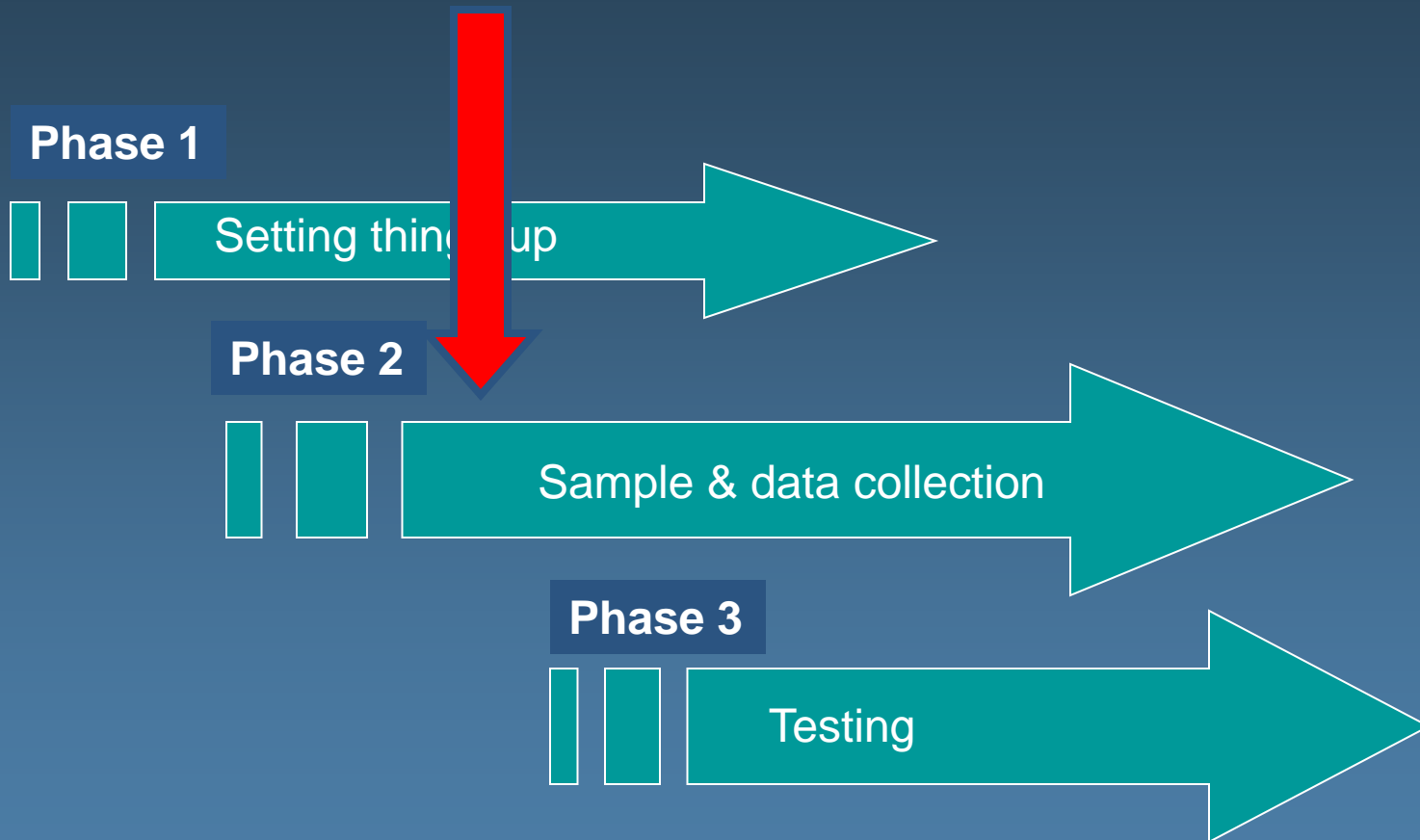
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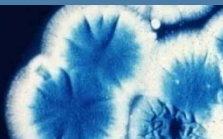


Project Timeline

Where we are now



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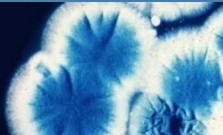
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Progress to date

- **Creation of SOPs**
 - **Sample collection**
 - **Sample processing**
 - **Sample storage**
 - **Sample shipping**
 - **Inventory management (local & central)**
 - **Repository backup procedures**
 - **Quality management program**

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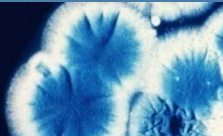
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Progress to date (cont'd)

- **Electronic clinical database development (with EMMES)**
- **Electronic sample tracking system (with EMMES)**
- **Electronic reporting procedures (with EMMES)**

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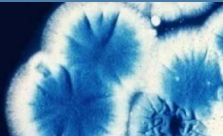
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Progress to date (cont'd)

- **Validation of procedures/processes**
 - **Shipping**
 - **Contamination/stability**
 - **David Denning**
- **Staff training**
- **Patient enrollment**
- **Sample Collection**

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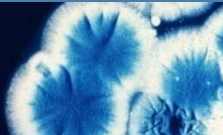
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Enrollment strategy

- **Group 1**
 - Patients enrolled before treatment or transplant
 - AML, HCT, lung transplant recipients
- **Group 2**
 - Patients enrolled at time of suspected IFI

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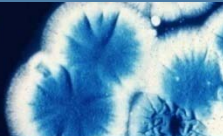
Clinical annotation of samples

- Demographic information
- Underlying disease
- Disease/transplant Treatments
- Concomitant medications
- Transfusions

- Goal:

- Determine pre-test probability of infection
- Potentially interfering medical conditions

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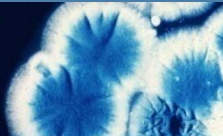
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Adjudication of cases

- Common scoring of cases
 - Lindsey Baden

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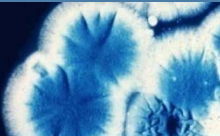
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Progress to date (cont'd)

- Discussion with FDA to get feedback about our procedures, SOPs, testing strategies
 - Barb Alexander
- Development of calibrator
 - Angie Caliendo
- Manufacturer application process
 - Joe Wheat

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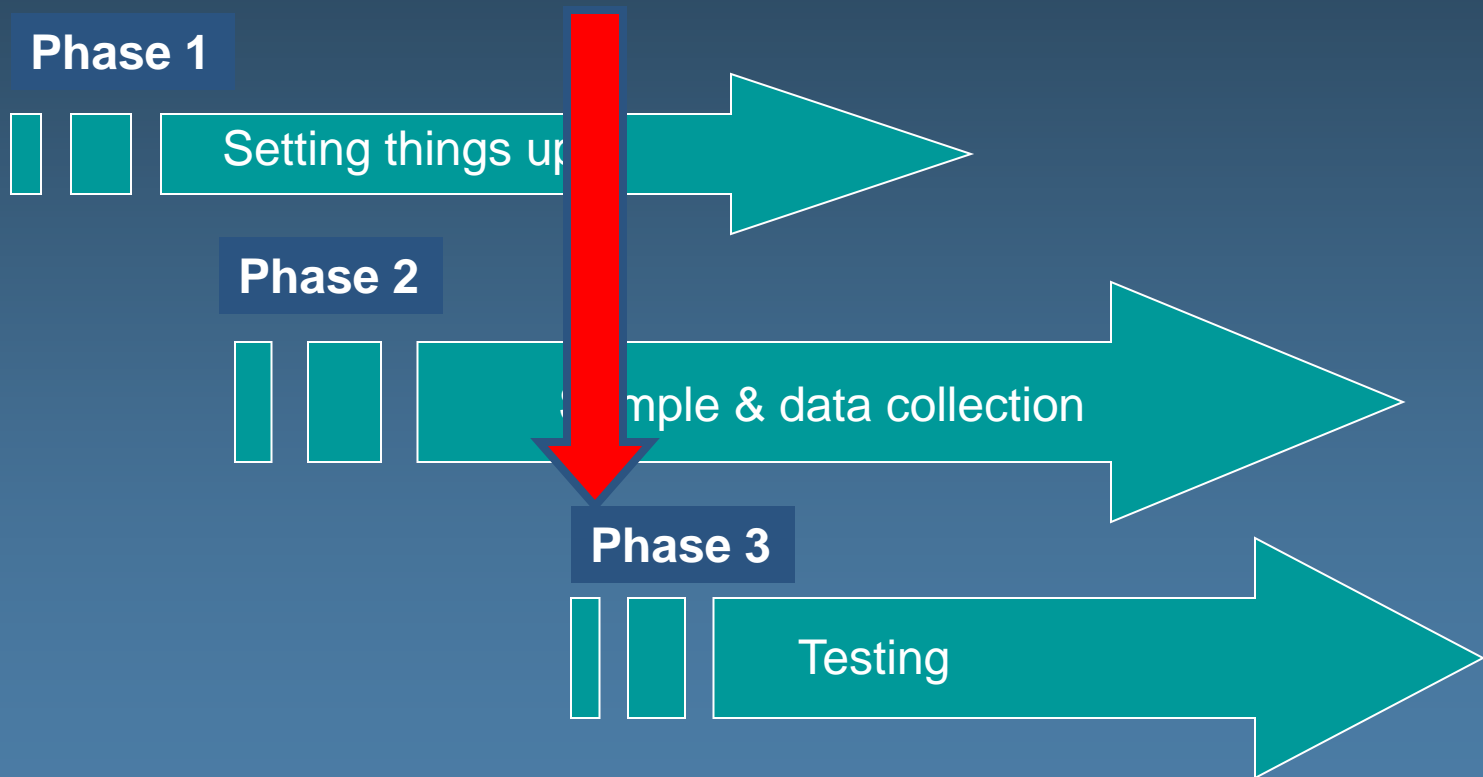
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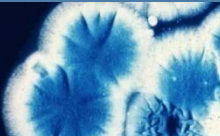
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Project Timeline

Where we plan to
be 1st Quarter 2010



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