HIV Prevention Trials Network

Update on Your Network

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HPTN
Epidemiologic Notes and Reports

Pneumocystis Pneumonia --- Los Angeles

June 5, 1981 / 30(21);1-3
5 cases in LA in 1981

- 33 million deaths globally to date
- 5 million on ART; 10 million more in immediate need of ART
- Urgent global need for…

Prevention Now!
Changed Prevention Landscape

• Oral/topical (microbicide) PrEP works to prevent HIV

• Outreach increases testing (HPTN 043)

• ART can prevent transmission in discordant couples with high CD4
Compelling tools for combination prevention

- Prevention in Positives
  - Testing and linkage to care
  - Assertive cART for Prevention
  - Positive prevention behavioral change
  - Facilitation of cART Adherence

- Prevention in Negatives
  - “ABC”
  - Male circumcision
  - Needle exchange and substance use therapy
  - Structural reform
    - School attendance
    - Gender empowerment and education of women
  - Topical/oral PrEP

HIV Prevention Trials Network
HPTN 2010-2011

• 10 Studies in the field, 3 pending
  • 4 major trials with HIV endpoints (043, 052, 058, 068)
  • 3 PrEP (066, 067, 069)
  • 4 developmental (061, 062, 063, 064)
  • 1 implementation science (065)
  • 1 combination prevention (07x?)
• >30,000 subjects engaged
• >40 publications in ‘10-’11
HPTN Research Portfolio

• Biomedical
  • PrEP x3, ART for prevention; buprenorphine/naloxone for IDU

• Structural
  • Community engagement in testing; School incentives for adolescent females; Reaching Black MSM and at-risk females

• Behavioral
  • Acute infection; Prevention for positives

• Integrated (US or Africa)
  • TLC; Combo Prevention
HPTN Communications: HPTN 052

The New York Times
Early H.I.V. Therapy Sharply Curbs Transmission

The Wall Street Journal
Scientists See Breakthrough in the Global AIDS Battle

msnbc.com
Starting HIV meds quickly helps protect partner

AP
Earlier HIV therapy protects against virus spread
HPTN 043 “Project Accept” Study Demonstrates that Community Mobilization Boosts HIV Testing Rates in Developing Countries

Getting to the HIV Test: It Takes a Village
HPTN Today

- Global partnerships and Scientific leadership
- International portfolio and US agenda
- Community engagement at superb CTU/CTS venues
- A global research leader in Combination Prevention!
Effective HIV Prevention

1. How well will ART for Prevention be used outside trial settings? HPTN 052 and 065
2. Can the interventions be delivered efficiently? HPTN 058 and 065
3. Can interventions be implemented in large scale programs? HPTN 043, 058, 065, 068
4. Will interventions have a durable public health impact? HPTN 043, 052, 058, 065
Your HPTN Today

- Your accomplishments and broad portfolio of your science activities
- Strong international infrastructures
- Favorable momentum for future based on current anchor studies
- High value for investment
Example of research impact

- 10 million more persons need cART now, but do not receive them

- What if the cost-benefit were doubled or more for cART to people who need it, based on the prevention benefits (HPTN 052 and 043)?

- DOESN’T THIS CHANGE THE INCENTIVES FOR DONORS? ABSOLUTELY!!
Meeting Highlights

• Plenaries
  • HPTN: Monday
  • Laboratory: Tuesday
  • Joint HPTN-IMPAACT: Wednesday

• Protocol teams – throughout the week
• HPTN Scholars presentation: Monday
• Executive Committee and Working Groups
• DAIDS Training Drop-in Room: Monday-Wednesday
• Community Working Group Forum: Thursday
• Meeting evaluations
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>7:00 a.m. – 8:30 a.m.</td>
<td>Continental Breakfast</td>
<td>Lincoln 2-3-4</td>
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<tr>
<td>8:00 a.m. – 10:00 a.m.</td>
<td>HPTN 068 Team Meeting</td>
<td>McKinley Room</td>
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<td>8:00 a.m. – 12:00 p.m.</td>
<td>HPTN 063 Team Meeting</td>
<td>Hoover Room</td>
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<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>HPTN 065 Team Meeting</td>
<td>Harding Room</td>
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<td>8:00 a.m. – 5:00 p.m.</td>
<td>DAIDS Training Drop-in Room</td>
<td>Tyler Room</td>
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<td>8:00 a.m. – 7:00 p.m.</td>
<td>HPTN 064 Investigators/Manuscript Meeting</td>
<td>Thurgood Marshall - East</td>
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<td>8:30 a.m. – 11:30 a.m.</td>
<td>HPTN 061 Black Caucus Meeting</td>
<td>Coolidge Room</td>
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<td>9:00 a.m. – 12:00 p.m.</td>
<td>HPTN 067 Protocol Team Meeting</td>
<td>Thurgood Marshall - South</td>
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<tr>
<td>9:30 a.m. – 10:30 a.m.</td>
<td>Morning Break</td>
<td>Thurgood Marshall Foyer</td>
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<tr>
<td>11:00 a.m. – 1:00 p.m.</td>
<td>HPTN 069 Team Meeting</td>
<td>McKinley Room</td>
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<tr>
<td>12:00 p.m. – 1:00 p.m.</td>
<td>Lunch</td>
<td>Lincoln 2-3-4</td>
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The Week-at-a-glance poster is located at the HPTN Registration Desk A, outside the Marriott Ballroom Foyer.
Are your HPTN publications listed? Check out the publications poster adjacent to the HPTN Registration Desk A, outside the Marriott Ballroom Foyer.

Have you gotten your picture taken with our Black AIDS Institute partners? Check out the photo venue just down the hall from the HPTN Registration Desk A, outside the Marriott Ballroom Foyer.
Hey Study Coordinators! and investigators and study staff!

Do you need to...

- Report Adverse Events?
- Use the electronic DAIDS Protocol Registration System?
- Get training (for yourself or your staff) in
  - HIV Research Counseling & Testing
  - Quality Management
  - GCP?

Yes? Then you need to…
Stop by the DAIDS Training Drop-in Room!! And get your questions ANSWERED!
DAIDS Training Drop-in Room

What can I do there?

- Ask your questions about DAIDS electronic systems (protocol registration, AE reporting, etc.)
- Learn about the DAIDS Learning Management System (DAIDS LMS) from a specialist who will help you set up your own e-learning account
- Access and complete e-learning courses like:
  - HIV Research Counseling & Testing
  - Quality Management
  - GCP and many more!
DAIDS Training Drop-in Room

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This is the future of HPTN training! You and your staff train at YOUR convenience in YOUR home or office, when you have time and computer access.
OK, I’m interested. So where do I go?

Drop by the **Tyler Room** any time:

- **Monday**, 06 June 2011, 3:30 PM – 5:30 PM
- **Tuesday**, 07 June 2011, 8:00 AM – 5:00 PM
- **Wednesday**, 08 June 2011, 1:00 PM – 5:00 PM

*To learn more, pick up a flyer from the table near registration.*
Mark Your Calendars

• HPTN 2012 Annual Meeting:
  June 22 – 27, 2012,
  Washington, DC

• International AIDS Conference
  July 22 – 27, 2012,
  Washington, DC
WANTED!! IAS 2011 RAPPORTEURS in ROME EPIDEMIOLOGY & PREVENTION TRACK

- QUALIFICATIONS:
  - Knowledge of epidemiology or prevention science
  - EXCELLENT WRITING ABILITY
- WHAT YOU NEED TO DO: Attend and report on Epidemiology and Prevention Track at IAS MEETING IN ROME JULY 17–20
- REWARDS:
  - REGISTRATION FREE, PRESTIGIOUS LISTING ON YOUR CV, CRITICAL ROLE IN REPORTING THE BEST PREVENTION SCIENCE EVER!
- CONTACT ADA ADIMORA: adimora@med.unc.edu
Acknowledgments

Thanks to our sponsors:

**NIH:** NIAID, NIMH, NIDA

**DOS:** Office of the Global AIDS Coordinator (PEPFAR)

And thanks to our partners, most notably:

CDC, Departments of Health, Ministries of Health

IMPAACT, ACTG, HANC