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NextMed2—Envisioning the Future of Medicine

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SmithKline Beecham

SmithKline Beecham is one of the world’s leading healthcare companies. SB discovers, develops, manufactures and markets pharmaceuticals, vaccines, over-the-counter medicines and health-related consumer products, and provides healthcare services, including disease management, clinical laboratory testing, and pharmaceutical benefit management.

Global Business Network

Global Business Network, founded in 1987, is a unique network of member companies and individuals committed to reperceiving the present in order to anticipate the future and improve the strategic response. Building on its acclaimed expertise in scenario planning, GBN strives to create unique ideas, collaborative learning experiences, and tools that develop the capacity of organizations to think broadly, deeply, and creatively about alternative futures.

Organizer

AMA, Inc.

Aligned Management Associates, Inc., a biomedical communications company, aims to transform medicine through communication. Our mission is to create exceptional opportunities for healthcare providers and supporting biomedical organizations to share medical and scientific experience, technology, ideas, and vision. Our website is www.amainc.com.

AMA, Inc. would like to thank SB and GBN for their support of NextMed2.
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<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/Title</th>
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<tr>
<td>8:00</td>
<td>Continental Breakfast</td>
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<tr>
<td>9:00</td>
<td>Welcome &amp; Introduction</td>
<td>Shaun Jones MD</td>
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<tr>
<td>9:15</td>
<td>Introduction to the Future</td>
<td>Peter Schwartz</td>
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<tr>
<td>9:45</td>
<td>Biomimetics: The Next Wave</td>
<td>Donald Ingber MD PhD</td>
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<tr>
<td>10:15</td>
<td>Break</td>
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<tr>
<td>10:30</td>
<td>The Inner Universe of the Mind: Insights from Neurobiology</td>
<td>Patricia Goldman-Rakic PhD</td>
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<td>11:00</td>
<td>Functional Genomics of Heritability and Individuality of Human Longevity: A Centenarian Study</td>
<td>Eugenia Wang PhD</td>
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<tr>
<td>11:30</td>
<td>Panel discussion / Q &amp; A with Ingber, Goldman-Rakic, Wang</td>
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<tr>
<td>Noon</td>
<td>Lunch</td>
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Saturday, April 10

8:00 Continental Breakfast

9:00 Welcome & Introduction
   Shaun Jones MD

9:15 Genetics and Advanced Computing:
    The Drivers of Systems Biology and Molecular Medicine
   George Poste DVM PhD

9:45 Exploring Very Large Genomes with a Very Small Aperture
   Daniel Branton PhD

10:15 Break

10:30 Stem Cells, Nuclear Transfer and Cell Immortality
   Michael West PhD

11:00 Thinking Yourself Well:
    Neuroimmunomodulatory Peptides
   James Lipton PhD

11:30 Panel discussion / Q & A with Poste, Branton, West, Lipton

Noon Lunch

1:30 Extraordinary Manufacturing Capability
   Jim Peoples BS ME & Brian Rosenberger BS

2:00 Medical Telesensor Application Specific Integrated Circuits
   Tom Ferrell PhD

2:30 Replacement Parts for the Brain: A New Era of Neuro Prosthetics
   Ted Berger PhD

3:00 Break

3:15 Panel discussion / Q & A with Peoples, Rosenberger, Ferrell, Berger

3:45 Day's Overview
   Peter Schwartz

4:15 Adjourn
Sunday, April 11

8:00 Continental Breakfast

9:00 Welcome & Introduction
   Shaun Jones MD

9:15 Our Assumptions about Future Healthcare: What if They are Wrong?
   George Whitesides PhD

9:45 What is an Intermental Net and Why is It Different?
   Dave Warner MD

10:15 Next Up? Ethical Guideposts for the Biomedical Revolution in the Twenty-First Century
   Arthur Caplan PhD

10:45 Reperceiving Healthcare in a New Era of Possibilities
   Peter Schwartz

11:15 Panel discussion / Q & A with Whitesides, Caplan, Warner, Schwartz

11:45 Adjourn