

## Schedule Overview - Monday, October 1

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| <b>5pm</b> | <b>5:00pm -</b><br><i>Registration and kick-off party (SynBioBeta and Synthetic Biology Week)</i><br><i>(Sponsored by Labcyte)</i> |
| <b>6pm</b> | <b>6:00pm -</b><br><i>Welcome</i>  |
|            | <b>6:05pm -</b><br><i>Keynote panel: Built with biology: A revolution in materials (Wallach, Drechsler, Bayer)</i>                 |
|            | <b>6:25pm -</b><br><i>Panel: Educate, incubate, accelerate</i>   |
|            | <b>6:55pm -</b><br><i>SynBioBeta awards</i>  |
| <b>7pm</b> | <b>7:10pm -</b><br><i>Fireside chat: DIY bio: The home brew computer club (Church, Gentry, Wozniak)</i>                            |
| <b>8pm</b> | <b>8:10pm -</b><br><i>Wrap-up</i>  |
|            | <b>8:00pm -</b><br><i>Kick-off party continues (sponsored by Labcyte)</i>  |
| <b>9pm</b> |  |

## Schedule Overview - Tuesday, October 2

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|-------------|---|--|--|--|
| <b>7am</b>  | <b>7:30am</b> - Registration  | <b>7:30am</b> - Breakfast (sponsored by Thermo Fisher Scientific)  | <b>7:30am</b> - Breakfast (sponsored by Mintz Levin)   | <b>7:30am</b> - Breakfast (sponsored by Tech•Bio)  |
| <b>8am</b>  | <b>8:30am</b> - Welcome   |  |  |  |
|             | <b>8:35am</b> - Keynote fireside chat: Neuroscience + synthetic biology: The neobiological revolution (Johnson, Boyden, Metcalfe) |  |  |  |
| <b>9am</b>  | <b>9:05am</b> - Fireside chat: A conversation with Twist Bioscience (Leproust, Brown)   |  |  |  |
|             | <b>9:25am</b> - Session talks: Why protein is (still) the killer app (sponsored by Codexis)                                       |  |  |  |
| <b>10am</b> | <b>10:10am</b> - Featured spotlight, Labcyte  |  |  |  |
|             | <b>10:15am</b> - Coffee break and workshops   |  | <b>10:15am</b> - Workshop: Cost-efficient DNA construction and sequencing using acoustic liquid handling (sponsored by Labcyte) (Breakout room R2)         |  |
|             | <b>10:20am</b> - Focus panel: Emerging women leaders in synthetic biology (sponsored by Ginkgo Bioworks) (Breakout room R1)       |  | <b>10:20am</b> - Focus panel: Future literacy & investing in hard tech science (Breakout room R3)  |  |
| <b>11am</b> | <b>11:00am</b> - Panel: Emerging security issues for the bioeconomy (sponsored by the Open Philanthropy Project)                  |  |  |  |
|             | <b>11:35am</b> - Session talks: Living medicines, and engineering the microbiome (sponsored by Ginkgo Bioworks)                   |  |  |  |
| <b>12pm</b> | <b>12:20pm</b> - Lunch (sponsored by Ginkgo Bioworks)   |  | <b>12:20pm</b> - Lunch and learn: Advances in DNA synthesis (sponsored by Thermo Fisher) (Breakout room R1)  |  |
|             | <b>12:30pm</b> - Lunch and learn: Affordable, open-source lab automation (sponsored by Opentrons) (Breakout room R2)              | <b>12:30pm</b> - Lunch and learn: DNA data storage: Quo vadis? (sponsored by SemiSynBio) (Breakout room R3)  | <b>12:30pm</b> - Picnic lunch and learn: Beer brewing and synthetic biology: The Slight Beer Lab (sponsored by Slight Beer Labs) (Picnic 1)                | <b>12:30pm</b> - Picnic lunch and learn: Women founders' mentoring lunch and learn (sponsored by Ginkgo sBioworks) (Picnic 2)              |
| <b>1pm</b>  | <b>1:40pm</b> - Lightning talks, 1 (sponsored by Novozymes) (Main stage)  | <b>1:40pm</b> - Focus breakout session: Biopharma and healthcare (sponsored by Oxford Genetics) (Breakout room R1)   | <b>1:40pm</b> - Focus breakout session: Environmental applications of synthetic biology (Breakout room R2)   | <b>1:40pm</b> - Focus panel: Food and beverage: What's your bio strategy? (Breakout room R3)   |
| <b>2pm</b>  | <b>2:25pm</b> - Break   |  |  |  |
|             | <b>2:30pm</b> - Panel: Bio is not another app: Investing in what's important (Main stage)   | <b>2:30pm</b> - Focus breakout session: Measuring what matters (Breakout room R1)  | <b>2:30pm</b> - Focus breakout session: Democratizing the hardware stack (Breakout room R2)  | <b>2:30pm</b> - Focus panel: Pharma, biotech, and healthcare: What's your bio strategy? (Breakout room R3)                                 |
| <b>3pm</b>  | <b>3:15pm</b> - Break   |  |  |  |
|             | <b>3:20pm</b> - Session: Engineered cell therapies (sponsored by Synthego) (Main stage)   | <b>3:20pm</b> - Focus breakout session: Space applications of synthetic biology (Breakout room R1)   | <b>3:20pm</b> - Focus breakout session: Scaling up for food, biomaterials and consumer goods (Breakout room R2)  | <b>3:20pm</b> - Focus panel: The global picture: Synthetic biology in China, France, and beyond (Breakout room R3)                         |
| <b>4pm</b>  | <b>4:05pm</b> - Featured spotlight: What can't you do with algae? (Reliance Industries Limited)                                   |  |  |  |
|             | <b>4:10pm</b> - Coffee break and workshops  | <b>4:10pm</b> - Workshop: Codexis protein innovations: Impacting real world markets, rapidly (sponsored by Codexis) (Breakout room R1)                     | <b>4:10pm</b> - Workshop: Pitch your ideas around the world with BASF (sponsored by BASF) (Breakout room R2)   | <b>4:10pm</b> - Workshop: Game-changing DNA construct design (sponsored by GenScript) (Breakout room R3)                                   |
|             | <b>4:55pm</b> - Session: The lab of the future (Main stage)   | <b>4:55pm</b> - Workshop: "America's Seed Fund": Using NSF SBIR to transform your technology into commercial success (sponsored by NSF) (Breakout room R1) | <b>4:55pm</b> - Focus breakout session: Cyanobacteria, algal engineering & the ocean of life (sponsored by Reliance Industries Limited) (Breakout room R2) | <b>4:55pm</b> - Focus breakout session: Scaling-up partnerships for food, flavor, and fragrances (sponsored by Conagen) (Breakout room R3) |
| <b>5pm</b>  | <b>5:50pm</b> - Featured spotlight: Next Steps for the Biofabrication Revolution (Ecovative)                                      |  |  |  |
|             | <b>5:55pm</b> - Wrap-up   |  |  |  |
| <b>7pm</b>  | <b>7:30pm</b> - P&G afterparty at IndieBio  |  |  |  |

## Schedule Overview - Wednesday, October 3

|             |  |   |   |  |
|-------------|--|---|---|--|
| <b>7am</b>  | <b>7:30am</b> - Registration   | <b>7:30am</b> - Breakfast, coffee and pastries  |   |  |
| <b>8am</b>  | <b>8:30am</b> - Welcome (Main stage)   |   |   |  |
|             | <b>8:40am</b> - Keynote: <i>Twenty years of synthetic biology: How far are we from 1998?</i> (Gardner)   |   |   |  |
| <b>9am</b>  | <b>9:00am</b> - Keynote panel: <i>Go big or go home: Scaling up the biofab</i> (Kelly, Schilling)  |   |   |  |
|             | <b>9:20am</b> - Session: <i>DNA data storage</i> (sponsored by SemiSynBio) (Main stage)  |   |   |  |
|             | <b>9:50am</b> - Session talks: <i>Advanced molecular manufacturing, chemicals, and materials</i> (sponsored by Ecovative)  |   | <b>9:50am</b> - Office hours (sponsored by Mintz Levin)   |  |
| <b>10am</b> | <b>10:35am</b> - Coffee break  |   |   |  |
| <b>11am</b> | <b>11:05am</b> - Session talks: <i>Food 2.0</i>  |   |   |  |
|             | <b>11:50am</b> - Fireside chat: <i>Agriculture's pivot toward sustaining water, air and oceans</i> (Temme, Degnarain)  |   |   |  |
| <b>12pm</b> | <b>12:15pm</b> - Lunch (sponsored by Twist Bioscience)   |   |   |  |
|             | <b>12:20pm</b> - Focus breakout session: <i>Massively parallel systematic discovery in cell-free synthetic biology</i> (sponsored by Arbor Biosciences) (Breakout room R1) | <b>12:20pm</b> - Workshop: <i>Lab data to machine learning in 30 seconds</i> (sponsored by Riffyn) (Breakout room R2)                   | <b>12:20pm</b> - Lunch and learn: <i>Building synthetic biology companies that scale</i> (sponsored by Mayfield / WSGR) (Breakout room R3)  | <b>12:20pm</b> - Picnic lunch and learn: <i>Regulation and oversight of synthetic biology</i> (Science Policy Consulting LLC) (Picnic 1) |
| <b>1pm</b>  | <b>1:25pm</b> - Lightning talks, 2 (Main stage)  | <b>1:25pm</b> - Focus panel: <i>Decentralization of Technology and Scale: What's Your Bio Strategy?</i> (Breakout room R1)              | <b>1:25pm</b> - Focus breakout session: <i>Biosecurity by design: traceability &amp; bio with blockchain</i> (Breakout room R2)   | <b>1:25pm</b> - Focus breakout session: <i>Engineered cancer immunotherapies</i> (sponsored by Distributed Bio) (Breakout room R3)       |
| <b>2pm</b>  | <b>2:10pm</b> - Break  |   |   |  |
|             | <b>2:15pm</b> - Session talks: <i>New tools of the trade: Cell-free synthetic biology, engineered enzymes, and antibodies</i> (Main stage)                                 | <b>2:15pm</b> - Focus panel: <i>Chemicals and materials: What's your bio strategy?</i> (Breakout room R1)                               | <b>2:15pm</b> - Focus breakout session: <i>Design and synthetic biology</i> (Breakout room R2)  | <b>2:15pm</b> - Focus breakout session: <i>Science fiction and synthetic biology</i> (Breakout room R3)                                  |
| <b>3pm</b>  | <b>3:00pm</b> - Break  |   |   |  |
|             | <b>3:05pm</b> - Panel: <i>Genetic literacy</i> (Main stage)  | <b>3:05pm</b> - Focus panel: <i>Companies that change the rules of the game</i> (sponsored by Civilization Ventures) (Breakout room R1) | <b>3:05pm</b> - Focus panel: <i>Consumer packaged goods: What's your bio strategy?</i> (Breakout room R2)   | <b>3:05pm</b> - Focus breakout session: <i>Biodiversity and synthetic biology</i> (Breakout room R3)                                     |
|             | <b>3:50pm</b> - Featured spotlight, <i>Mother Dirt</i>   |   |   |  |
|             | <b>3:55pm</b> - Coffee break and workshops   | <b>3:55pm</b> - Workshop: <i>Partnering opportunities with Procter &amp; Gamble</i> (sponsored by Procter & Gamble) (Breakout room R1)  | <b>3:55pm</b> - Workshop: <i>A New Approach to Classifying Industrial Microorganisms – moving the discussion beyond 'Natural' vs GMO</i> (sponsored by DuPont) (Breakout room R3) |  |
| <b>4pm</b>  | <b>4:40pm</b> - Fireside chat: <i>Why aren't there more scientists in politics?</i> (Eisen, Duncan)  |   |   |  |
| <b>6pm</b>  | <b>5:00pm</b> - Keynote panel: <i>Automation and machine learning: The impact on biopharma</i> (Aatresh, Fischer-Colbrie, Baldoni)   |   |   |  |
|             | <b>5:20pm</b> - Panel: <i>The future of DNA synthesis</i> (sponsored by Molecular Assemblies)  |   |   |  |
| <b>6pm</b>  | <b>6:00pm</b> - Wrap-up  |   |   |  |
| <b>7pm</b>  | <b>7:30pm</b> - SynBioBeta afterparty at The AWS Loft  |   |   |  |