

Stage 2 Metabolomics Program Consortium Business Session

3:30 **SEPCC and NMDR Plan for Collaboration - *Roles and Responsibilities***

3:45 **Consortium Governance - *Forming the Steering Committee***

4:15 **Oversight Panels -**

Introduction to NMDR Governance Board and External Scientific Consultants

NMDR Governance Board

4:30 ***Activities to Enhance the Impact of Metabolomics on Biomedical Research***

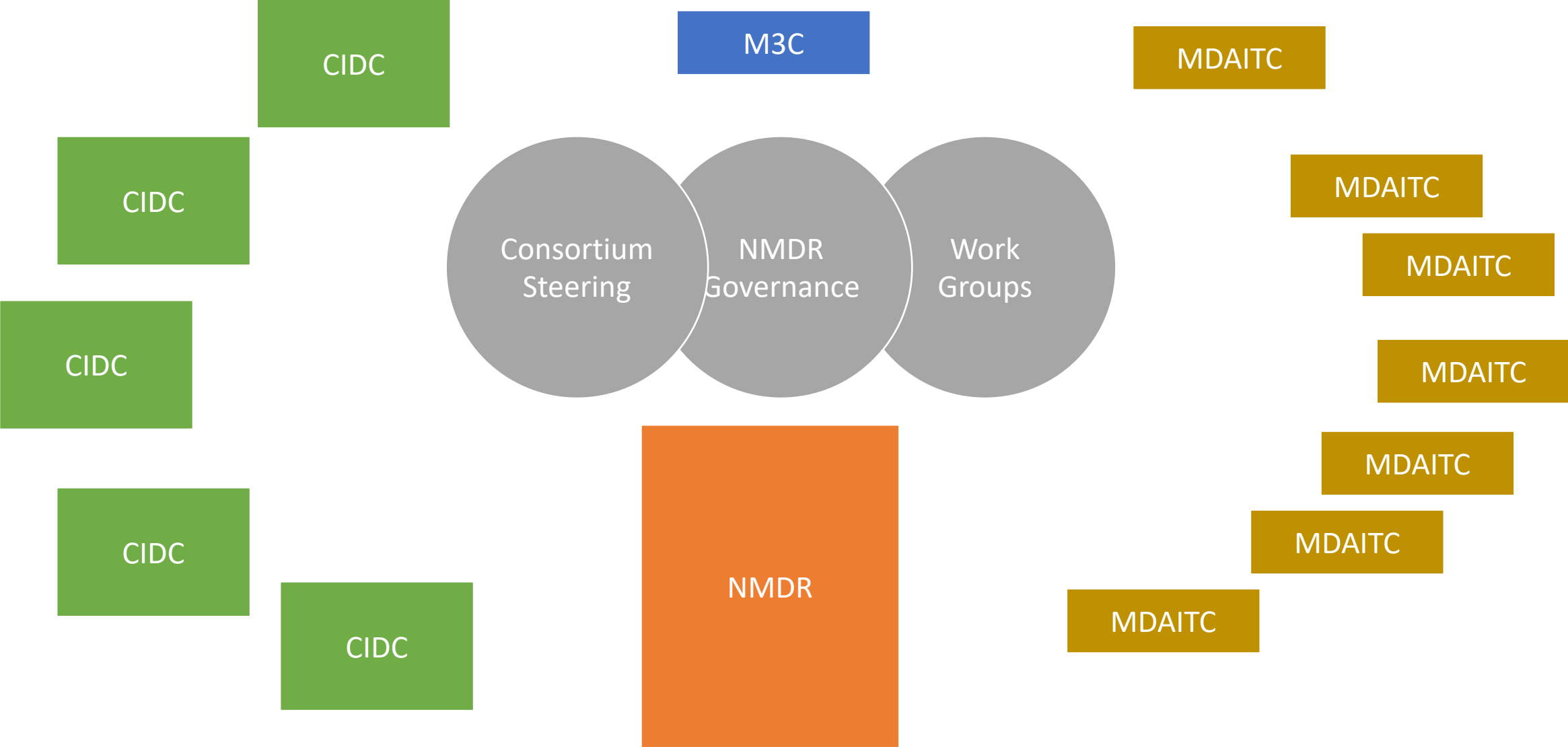
4:30 Plans for engaging various stakeholder communities

4:40 Discussion of current roadblocks and needs

5:00 Working Group Planning to Address Challenges

5:20 - 5:30 ***Conclusion and Action Item Review***

M3C and NMDR Plans for Collaboration



M3C and NMDR Roles and Responsibilities

M3C

- Organize consortium activities
- Aid transition to NMDR
- Facilitate component collaboration
- Engage the greater community
- Promotion and outreach
- Pilot program
- NMDR Usability testing
- Develop policies and procedures
- Consortium public web portal

NMDR

- Provide a data repository
- Integrate repository and tools
- Implement FAIR data principles
- Insure cloud computing
- Support clinical data
- Develop clinical phenotype/metadata formats
- Develop data policy and procedures
- Interface data functions to web portal
- Support/work with NMDR Governance Board

Common functions through the Steering Committee: Policy and standards development, evaluation of program components, engage consortium external scientific consultants

Stage 2 Metabolomics Program Consortium Business Session

3:45 - 4:15 **Consortium Governance** - *Forming the Steering Committee*

- Governance Requirements (Cooperative Agreement, FOA)
- SC Composition
- Voting Procedures
- Chair and Term selection
- Recurring Meeting Schedule
- Workgroup Philosophy

Consortium Governance

Governance Requirements (Cooperative Agreement, FOA)

- NIH will support and stimulate the consortium activities by involvement and a partnership role
- NIH will not assume direction, prime responsibility, or a dominant role in the activities
- The dominant role and prime responsibility resides with the awardees
- NIH Metabolomics Working Group - Art Castle (NIDDK), David Balshaw (NIEHS), Krista Zanetti (NCI), Leslie Derr (CF), and Yuxia Cui, Program Director (NIEHS)

Consortium Governance

The Metabolomics Consortium

- The consortium will be composed of:
 - awardees from the four Common Fund Metabolomics Program initiatives
 - the NIH Metabolomics WG
 - *other scientists and groups the SC agrees to include within the Consortium*
- The Consortium structure is meant to enable the overall goals of the Metabolomics Program.

Consortium Governance

PDs/PIs agree to...

- Actively participate as a voting member in the SC
- Attend both in-person and teleconference meetings
- Participate in collaborative activities and subcommittees
- Attend the Annual Program Meeting
- Attend additional in-person SC meeting(s) (typically 1/year)
- Budget for travel to these meetings

Consortium Governance

Steering Committee Composition, Voting

- SC membership will include...
 - PI(s) of each Project (one vote per project)
 - NIH staff appointed by the NIH Metabolomics WG (one NIH vote)
- The SC may add additional, non-voting, members, as needed
- The SC Chair will be selected by the SC from the individual project PIs, with NIH approval

Consortium Governance

Chair and Term selection

- Nominations?
- Election

Consortium Governance

Forming the Steering Committee

- Recurring Teleconference Meeting Schedule – once a month
 - Doodle Poll (weekly)
 - Watch for a new monthly When2Meet Poll

Consortium Governance Workgroup Philosophy

- Dynamic
- Time limited
- Focused on delivering a work product to the Steering Committee
- Convened by Steering Committee
- Facilitated by M3C
- Can be small (2-3 people)
- Can be short (1-2 meetings)

Stage 2 Metabolomics Program Consortium Business Session

4:15 -4:30 **Oversight Panels**

*Introduction to NMDR Governance Board and External Scientific Consultants
(Barbara Spalholz)*

*NMDR Governance Board
(Shankar Subramaniam)*

Stage 2 Metabolomics Program Consortium Business Session

4:30 - 5:20 *Activities to Enhance the Impact of Metabolomics on Biomedical Research*

4:30 - Plans for engaging various stakeholder communities (Mike Conlon)

4:40 - Discussion of current roadblocks/challenges in metabolomics (Leader)

4:40 - Standards for metabolite annotation/identification (Tom Metz)

4:45 - Sharing of other types of metabolomics data (Art Edison)

4:50 - Interlaboratory comparison of metabolomic data (Oliver Fiehn)

4:55 - Increasing acceptance/use of the NMDR (Shankar Subramaniam)

5:00 - Working Group Planning to Address Challenges

Plans for engaging various stakeholder communities

- Mike Conlon

Promotion and Engagement Methods

- Two Stakeholder symposia each year
- Branding activities – naming, social media
- US Tier 1 push -- CTSA, OVPRs
- Strategically focused Pilot and Feasibility award program, \$30K/year
- Joint promotion with partners and collaborators, particularly in Europe
- Conference and workshop opportunities for promotion
- Speakers Bureau
- Engage partners in identifying and removing barriers to adoption
- Portal as leverage for promotion and engagement
- Development of consortium as a resource for promotion and engagement
- Hackathons
- Additional methods based on community and consortium feedback

Connections to other efforts

- Bioinformatics community
- European Bioinformatics Institute
- CHEAR, UDN, HBP, All of Us, Precision Medicine Initiative
- Industry efforts
- Biology community
- Clinical research community

Discussion of current roadblocks/challenges in metabolomics

4:40 - Standards for metabolite annotation/identification (Tom Metz)

4:45 - Sharing of other types of metabolomics data (Art Edison)

4:50 - Interlaboratory comparison of metabolomic data (Oliver Fiehn)

4:55 - Increasing acceptance/use of the NMDR (Shankar Subramaniam)

Working Group Planning to Address Challenges

- Dynamic
- Time limited
- Focused on delivering a work product
- Suggested Topics
- Prioritization
- Intended duration
- Suggestions due before first SC meeting

Conclusions and Action Item Review

Watch for emails (new listserves being set up) –

- Poll for monthly SC Meetings
- Nominations for External Scientific Consultants
- Nominations for NMDR Governance Board
- Suggestions for workgroups
- Agenda suggestions for first SC Meeting

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