

available microbial investigators biological users across required approaches specific reads registry metagenomic NIH genome based resulting patient resources increase present follow-up use HUMAN dev phen interface total analyses e.g files unique publications experience thus protocols assembly working TMWG NCBI MIxS



Human Microbiome Science

Vision for the Future

JULY 24 - 26, 2013

research ORA study quality group including comm clinical data human design provided include example providing terms samples methods Analysis tools within access control several results development meta control access include example providing possible sets experimental single disease families consortium funded raw 16S well

Open floor discussions

- Speakers for each day:
 - please sit in the first row
- We are collecting everyone's input and want comments!
 - Tweet to the hashtag: #microbiome
 - Or use the NIH email: hmvision@nih.gov
 - Or post questions on poster board in Salon E

We are webcasting live

<http://www.genome.gov/27554404>

Meeting report

- Summary of presentations
- Assessment of future
- Assessment of gaps, needs, challenges
- Authors: Rob Knight, Jacques Ravel
- Others TBD

Presenters

- Please reserve 5 or more for questions
- Please address gaps, needs, challenges
- If you presented that day: please sit in first row
end of day discussion

available
microbial

interface

total

analyses e.g files

specific reads

increase
present
follow-up

use

NIH

en

ne

the

Sa

nc

le

ated

m

ed

al

including

co

clinic

da

design

provided

include

example

providing

raw

several

results

control

access

meta

development

Analysis

methods

consortium

families

16S

well

funded

single

disease

possible

sets

investigator

terms

projects

tables

training

study

quality

group

human

profiles

within

design

provided

include

example

providing

raw

several

results

control

access

meta

development

Analysis

methods

consortium

families

16S

well

funded

single

disease

possible

sets

investigator

terms

projects

tables

training

study

quality

group

human

profiles

within

design

provided

include

example

providing

raw

several

results

control

access

meta

development

Analysis

methods

consortium

families

16S

well

funded

single

disease

possible

sets

investigator

terms

projects

tables

training

study

quality

group

human

profiles

within

design

provided

include

example

providing

raw

several

results

control

access

meta

development

Analysis

methods

consortium

families

16S

well

funded

single

disease

possible

sets

investigator

terms

projects

tables

training

study

quality

group

human

profiles

within

design

provided

include

example

providing

raw

several

results

control

access

meta

development

Analysis

methods

consortium

families

16S

well

funded

single

disease

possible

sets

investigator

terms

projects

tables

training

study

quality

group

human

profiles

within

design

provided

include

example

providing

raw

several

results

control

access

meta

development

Analysis

methods

consortium

families

16S

well

funded

single

disease

possible

sets

investigator

terms

projects

tables

training

study

quality

group

human

profiles

within

design

provided

include

example

providing

raw

several

results

control

access

meta

development

Analysis

methods

consortium

families

16S

well

funded

single

disease

possible

sets

investigator

terms

projects

tables

training

study

quality

group

human

profiles

within

design

provided

include

example

providing

raw

several

results

control

access

meta

development

Analysis

methods

consortium

families

16S

well

funded

single

disease

possible

sets

investigator

terms

projects

tables

training

study

quality

group

human

profiles

within

design

provided

include

example

providing

raw

several

results

control

access

meta

development

Analysis

methods

consortium

families

16S

well

funded

single

disease

possible

sets

investigator

terms

projects

tables

training

study

quality

group

human

profiles

within

design

provided

include

example

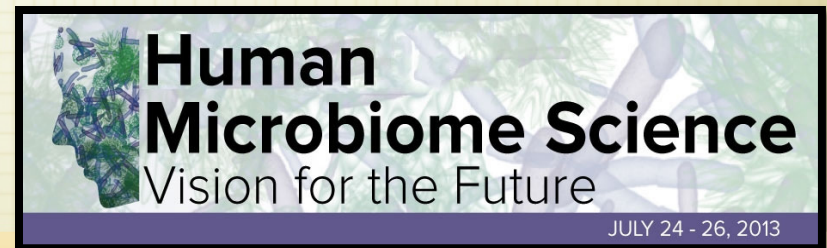
providing

raw

This is our charge

To:

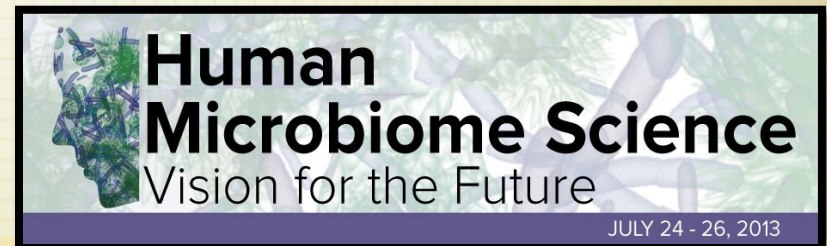
- Characterize current state of microbiome research;
- Establish an overall 10 year vision;



This is our charge

To:

- Recognize the study of the human microbiome, in disease and health, is of relevance to all NIH Institutes and Centers missions;
- Increase awareness across all NIH Institutes and Centers of gaps, needs and challenges faced by the microbiome research community;

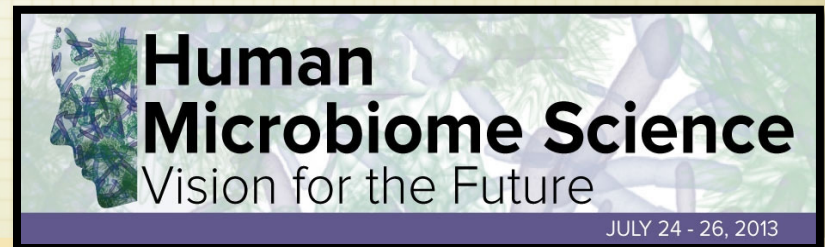


This is our charge

To:

- Identify where coherent oversight of policies and approaches between NIH institutes will...
- Identify areas where common resources or partnerships will...

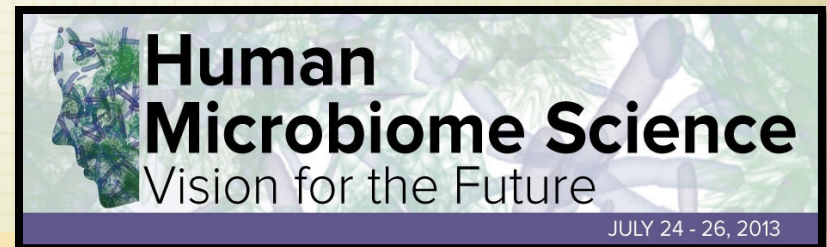
.... maximally benefit microbiome research



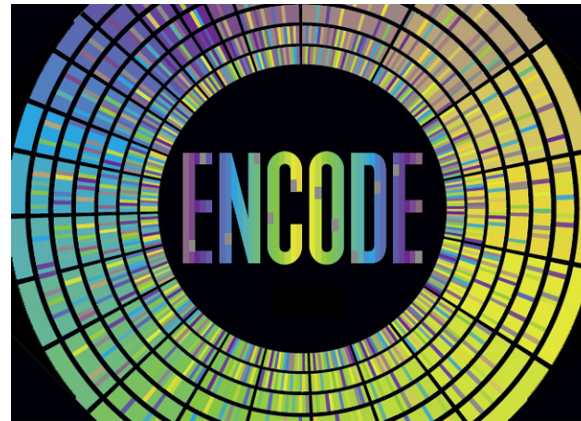
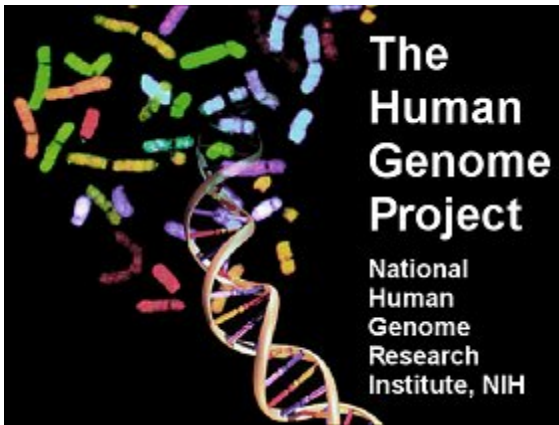
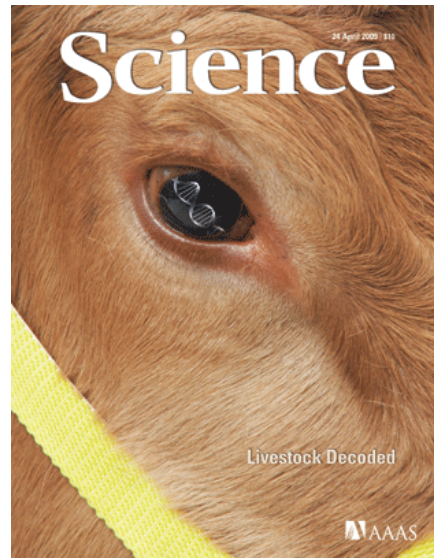
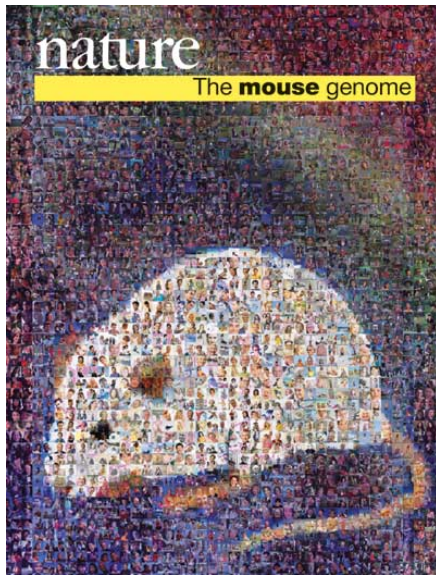
This is our charge

To:

- Explore how NIH and other government funding agencies will collaborate:
 - to integrate the microbiome into studies of human health
 - for studies of human interactions and their environment e.g., the Earth's microbial communities.



Thank you



Meeting report

- Summary of presentations
- Assessment of future
- Assessment of gaps, needs, challenges
- Authors: Rob Knight, Jacques Ravel
- Others TBD

Presenters

- Please reserve 5 or more for questions
- Please address gaps, needs, challenges
- If you presented that day: please sit in first row
end of day discussion