

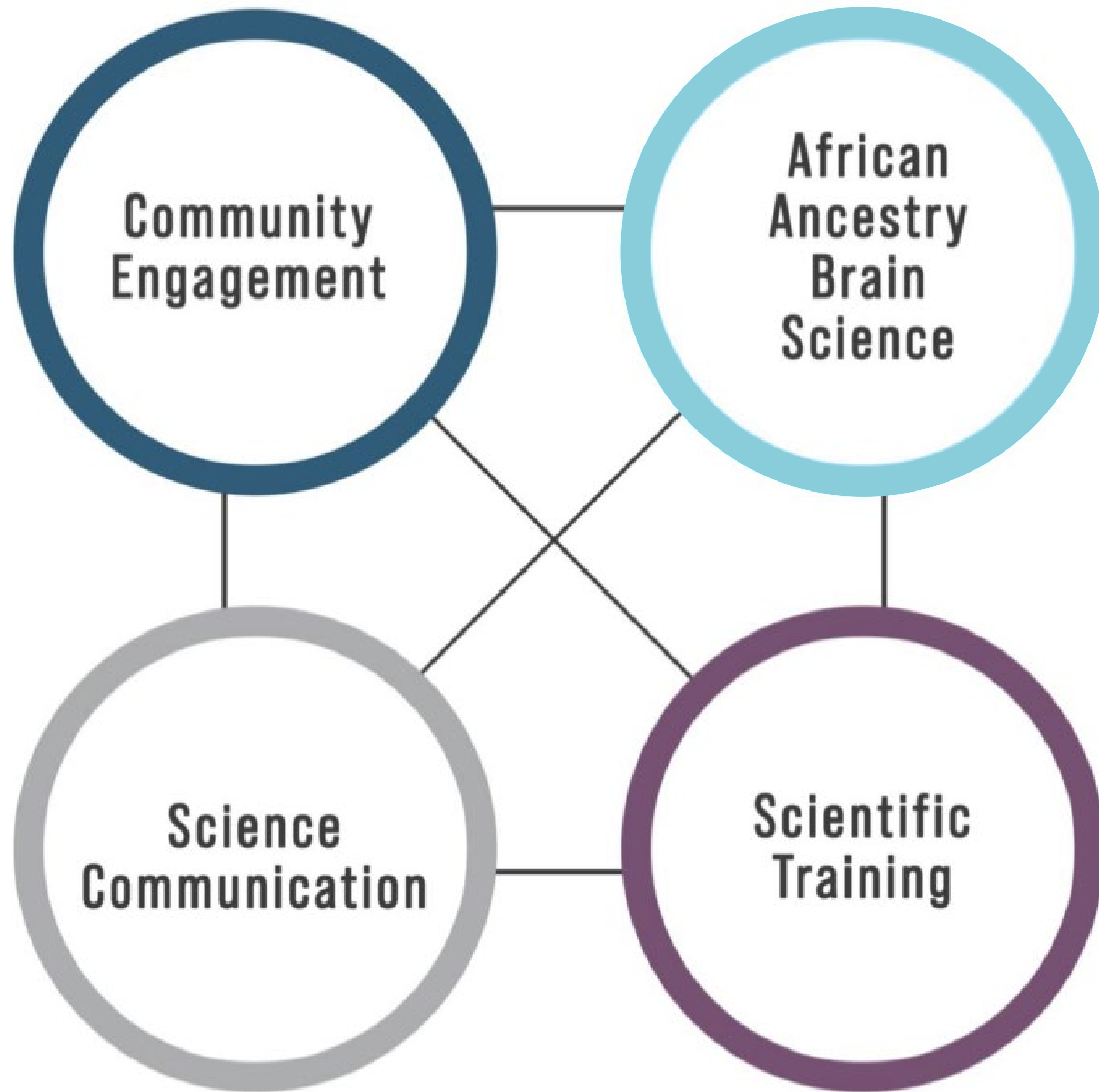
The African Ancestry Neuroscience Research Initiative (AANRI)

AANRI : *Addressing health disparities in research*

A recent analysis revealed that the human reference genome, used universally in genetic research to-date, **omits almost 10% of the African genome** (roughly 300 million base pairs).



The AANRI Model



Community Engagement

- Increase participation of minorities in research & clinical trials

African Ancestry Brain Science

- Create the most comprehensive African ancestry brain genomic dataset in the world

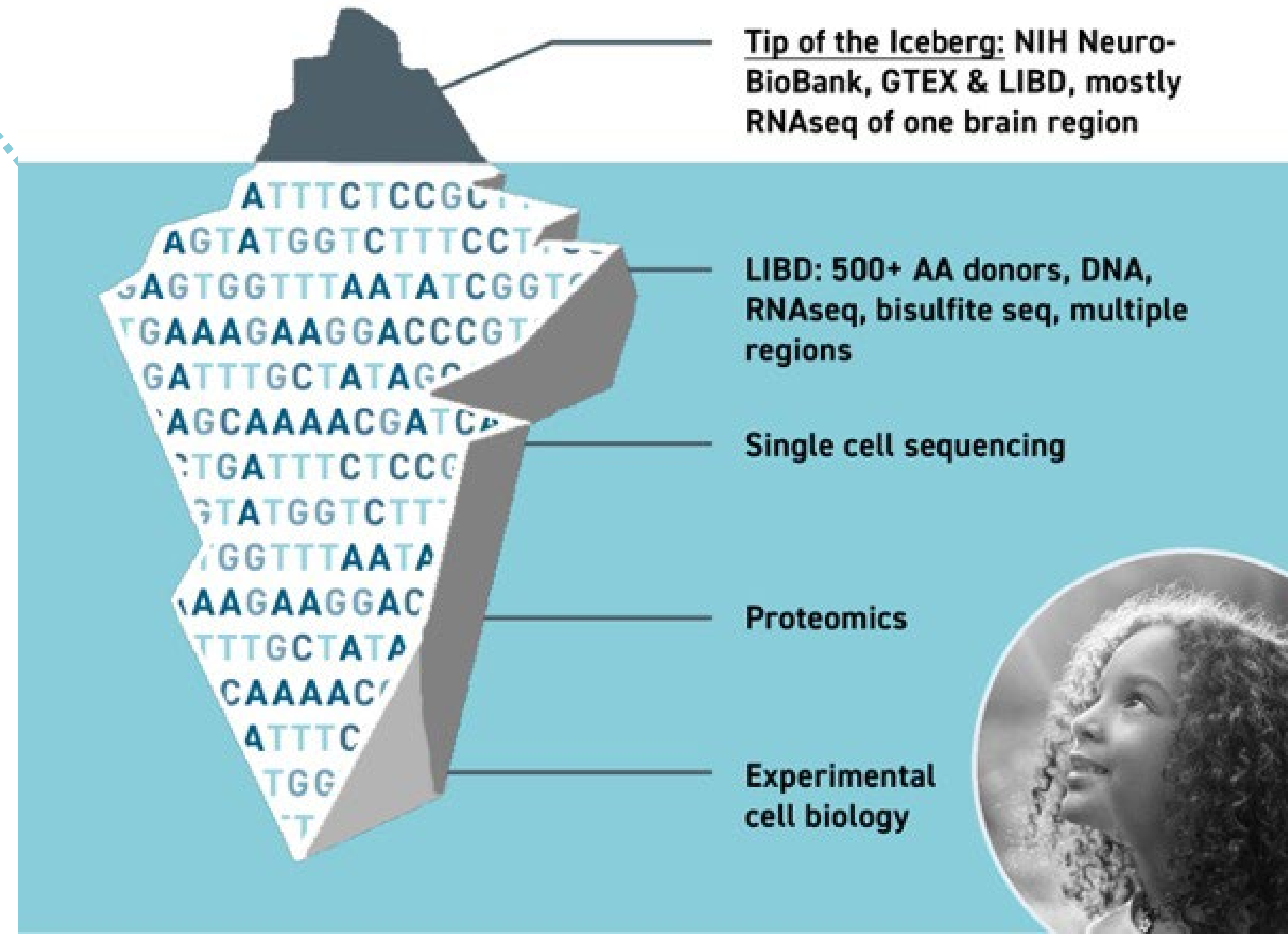
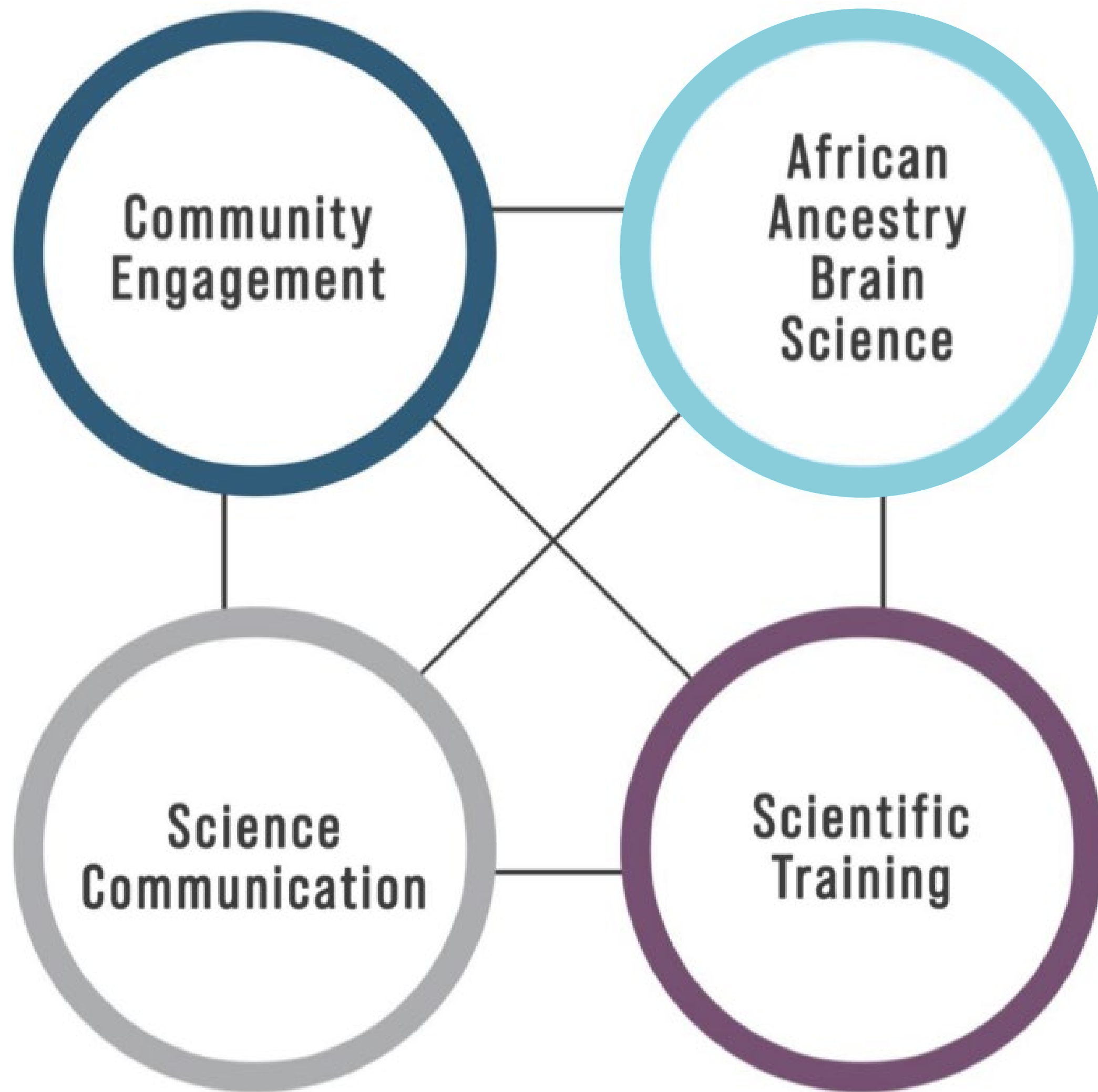
Science Communication

- Educate and inform the community with information that helps to combat health disparities

Scientific Training

- Develop a robust ecosystem for scientists of color including new education and training initiatives

The AANRI Model : *Beyond the tip of the iceberg*



AANRI : *Our community support*

FOUNDING PARTNERS

Rev. Dr. Alvin C.
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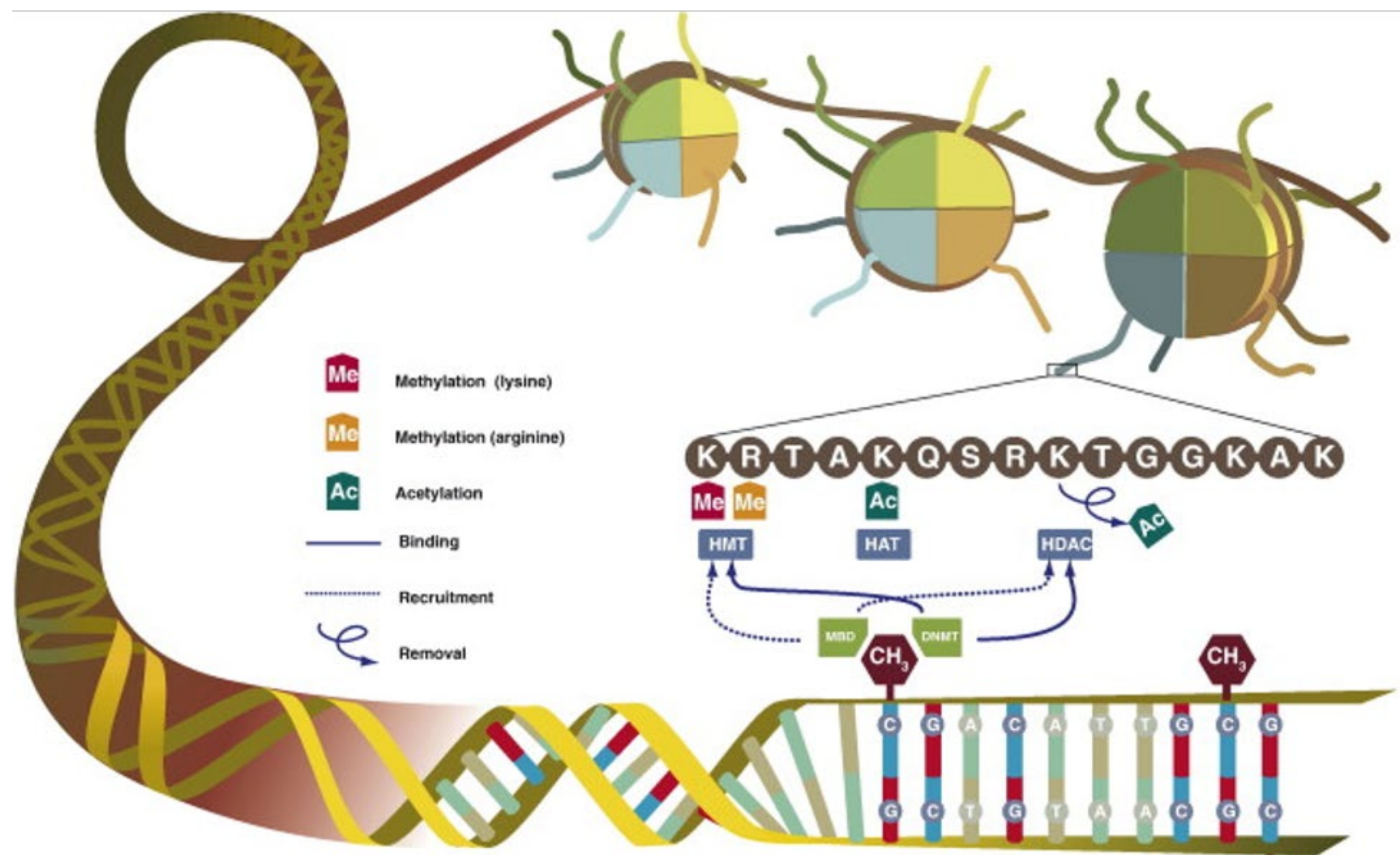
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AANRI : Science developments

Analyzing genes by ancestry

Genetic changes in African ancestry (AA) were compared to European ancestry (EA) in several brain regions related to brain disease



Identified *increased genetic risk for stroke in African ancestry brains*

These data align with public health studies showing an increased risk of stroke and severity in African Americans

