

### About the Artist: Guhapriya Ranganathan

Born and raised in India, Gupi had prior degrees in engineering and management before moving to the United States in 1995. She studied art at Simmons College, and received her MFA in painting and printmaking from the Massachusetts College of Art and Design in 2008.

From 2009 to 2011, Gupi was the Broad Institute's artist in residence. In 2017 she collaborated with the Stanley Center for Psychiatric Research to design an installation for their ten-year anniversary, and she recently completed a commissioned site-specific permanent installation titled *Cultured Interactions: Evolving Landscape*.

Gupi has exhibited and shared her work focusing on the intersection of art and science in galleries and forums in the U.S., China, and India. Her work is represented in public and private collections. She currently works and lives in Wayland, Massachusetts. [guhapriyaranganathan.com](http://guhapriyaranganathan.com)

### Presented by the Broad Institute Artist-in-Residence Program

Art and science are both ways in which humans try to explain our place in the world and tackle unanswered questions. While they may seem to represent unrelated approaches to our understanding, there are important commonalities that present opportunities to enhance both through their interaction. Whether execution involves paint brushes or petri dishes; the creativity, conceptualization, and discovery inherent to both art and science place them surprisingly close on the continuum of efforts to make sense of our world. Broad's artist-in-residence program allows leading scientists and forward-thinking artists to work, communicate, and learn together to benefit both science and art, spurring the creative thinking that drives innovation.



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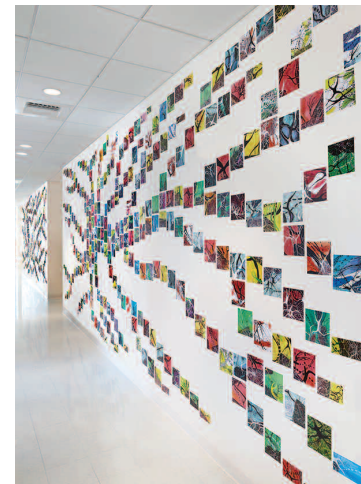


*Cultured Interactions: Evolving Landscape* (2006–18) is a growing series of more than 500 mixed-media artworks focusing on a landscape made of genomic and neural structures that change and evolve through the four seasons. It is inspired by the experimental research carried out by scientists at the Stanley Center studying the genetic interactions and neurobiological processes involved in the development of severe mental illness. *Cultured Interactions: Evolving Landscape*, on view in the Stanley Center on the 9th floor of the Stanley Building, is a site-specific installation resembling a pyramidal and chandelier neuron made up of nearly 640 digital decals drawn from 480 original images, and 160 transformed and cropped images.

left and right: *Cultured Interactions: Evolving Landscape*, 2018, site-specific commissioned permanent installation of digital decals of mixed-media artworks including woodblock prints on rice paper and Arches paper, acrylic, gouache and markers, 9' x 23' 9 $\frac{3}{4}$ " and 9' x 22' 9 $\frac{1}{16}$ " (detail below)

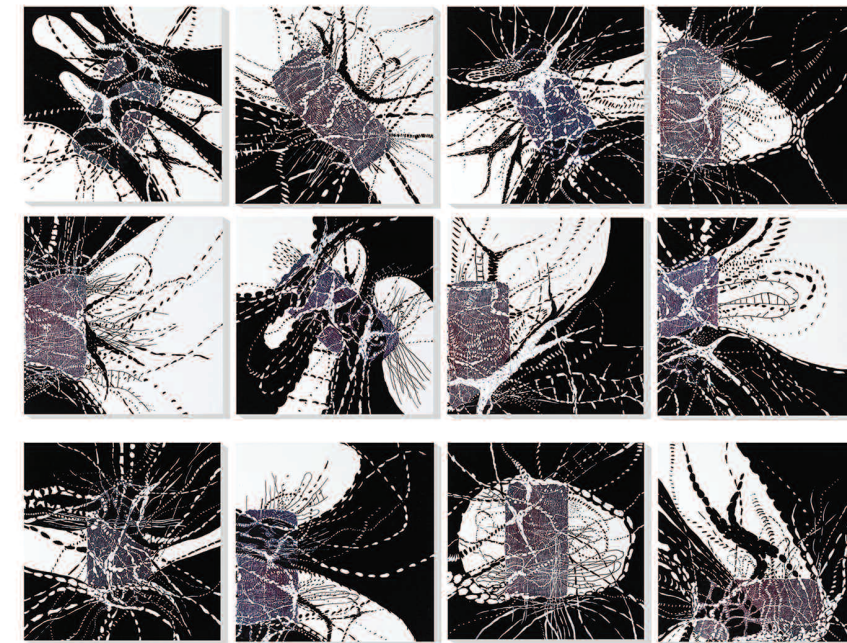
Photos: Will Howcroft

Graphic design: Claudia Marchand



## CULTURED INTERACTIONS: ART, SCIENCE AND BROAD

GUHAPRIYA RANGANATHAN  
ARTIST IN RESIDENCE, 2009–2011





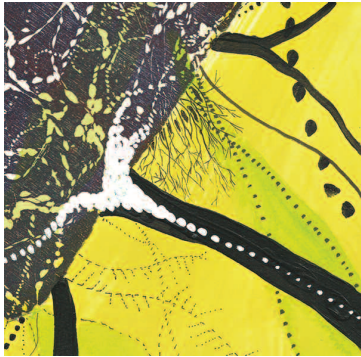
**Cultured Interactions: Art, Science and Broad**  
November 13–December 14, 2018

*Cultured Interactions* explores the process of physical and spiritual change and growth through continuous interactions, movement and synthesis. The discussions and questions raised during my Broad residency, and my recent collaboration with the Stanley Center for Psychiatric Research, broadened the scope of the *Cultured Interactions* project—now encompassing two related series *Continuum* and *Evolving Landscape*.

Over the course of the last 12 years, the continuous conversations and discussions with scientists and artists at Broad, MassArt and Simmons, family and friends, the continuous layering of memories as time passed, and the continuous flow of information moving across artworks, has transformed and evolved these conceptual pieces to their current form as a dynamic and non-linear complex narrative where the object/process and landscape/portrait are intertwined.

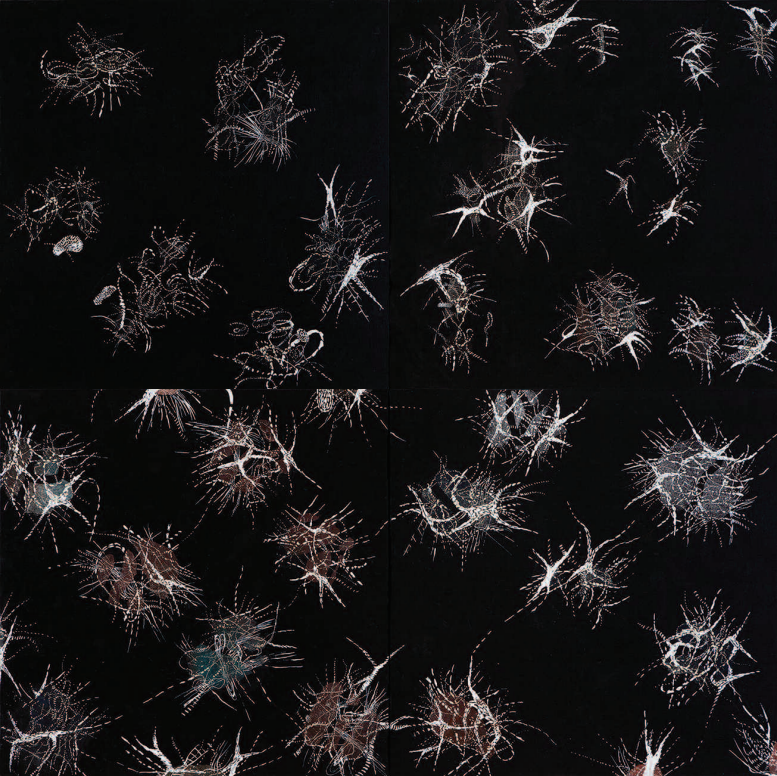
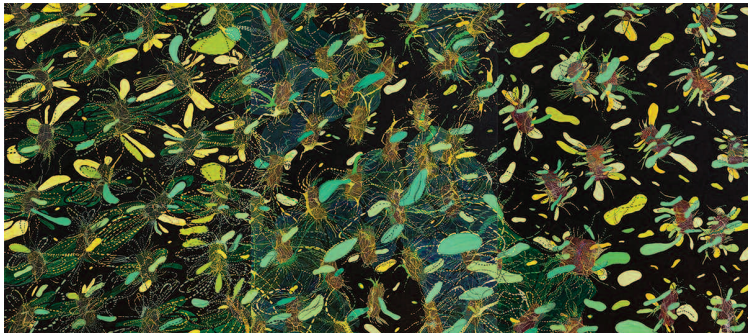
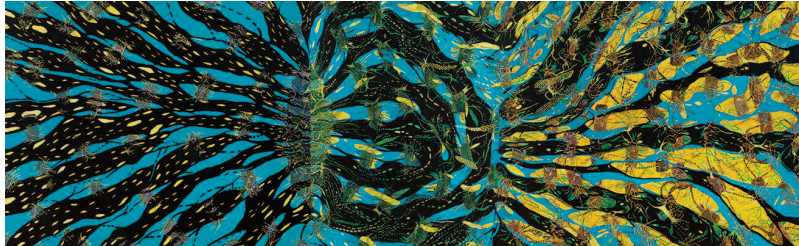
*Cultured Interactions: Continuum* (2010–17) is a series of mixed-media drawings on paper, canvas and wood inspired by the scientists who process and connect huge amounts of data to find patterns and information in the complex genomic and neurobiological landscape. Prior to my residency at Broad Institute I started working with mapping and memories. I burned drawings into wood with my soldering iron, and used these prints to create a series of large mixed-media drawings on paper, titled *Translocations*.

During my residency at Broad I learned that to study and analyze my memories it would be useful to tear the original prints into 12 manageable pieces of data, as a starting point to build the new artworks. They transformed as I manipulated them through a series of interconnected matrices using a systematic approach of experimentation and analysis. I showed how my memories transform over time to become information that can be drawn into another artwork to start a whole new cycle/generation.



above, clockwise from top left: *Evolving Landscape* (1-018, 2-030, 4-037, 3-006), 2016, mixed-media drawing on Arches paper including woodblock prints on rice paper, acrylic and markers, 6 x 6" each

next page, top to bottom: *Continuum: Concatenation* (03, 01, 02), 2014–17, triptych, mixed-media drawing on canvas including woodblock prints on rice paper, acrylic and markers, 48 x 108", 48 x 156", and 48 x 108"



above: *Continuum: Induction* 01-04, 2010–17, four mixed-media drawings on canvas including woodblock prints on rice paper, acrylic and markers, 24 x 24" each

on cover: *Continuum: Data and Memory* (01-12), 2016, mixed-media drawings on wood including woodblock prints on Arches paper, acrylic and markers, 8 x 8" each