



MicroMosaic

Consulting & Collaboration Menu

For scientific work that resists performance and rewards integrity.



Bioinformatics + Microbial Data Sense-Making

When you have complex biology – and need interpretation you can trust.

What this supports

- Decision-ready insight from microbial + biological metadata
- Reproducible analysis that stays biologically honest
- Results that are legible to scientists, leadership, and stakeholders

Common engagements

- Microbial (bacteria + fungi) 'omics analysis
- Multi-omics synthesis + interpretation-first reporting
- Pipeline builds + workflow standardization (Nextflow, Docker, AWS)

Data Strategy, Governance & Scientific Leadership

When data problems are really people, process, and decision problems.



What this supports

- Alignment across science, data, and business reality
- Shared ownership: roles, standards, naming, metadata
- Trust, auditability, and AI readiness without dashboard theater

Common engagements

- End-to-end data strategy + roadmap design
- Metadata schemas + biobank/LIMS/ database alignment
- Governance working groups + literacy workshops



Science Communication & Knowledge Translation

When creativity animates scientific ideas – without flattening them.

What this supports

- Creative science communication that uses metaphor, narrative, and cultural reference as tools for understanding
- Research storytelling that preserves rigor while inviting curiosity and emotional engagement

Common engagements

- Blogs, features, and editorial writing
- Press releases and research highlights
- Society/journal-adjacent communication
- Narrative summaries, briefs, and visual explainers
- Podcasting and audio storytelling



Speaking: Talks, Workshops & Facilitation

When complex work calls for clarity, reflection, and judgment.

What this supports

- Building shared language early – before habits or systems calcify
- Thoughtful approaches to data, AI, collaboration, and careers
- Shaping meaning, values, and judgment alongside technical skill

Formats & Themes

- Keynotes, workshops, and facilitated discussions
- Technical talks on data culture, governance, AI framing, and systems design
- Reflective cultural talks on burnout, career transition, and identity beyond metrics

Sensemaking

• Stewardship

• Substance

• Soul