



## Oral Microbiology Research Outsourcing Services

Our oral microbiology research outsourcing services investigate the microorganisms in the oral cavity, their role in health and disease, and strategies to prevent and treat oral infections and biofilm-related conditions.

### Our Oral Microbiology Research Capabilities

Our dental microbiologists and molecular biologists apply culture-based, molecular, and high-throughput sequencing methods to profile oral microbes and develop targeted antimicrobial strategies.

### Types of Oral Microbiology Research We Handle

- Dental Biofilm Formation and Disruption
- Oral Pathogen Isolation and Typing
- Dental Caries Microbiome Profiling
- Periodontitis Microbial Community Analysis
- Oral Fungal Infection Studies
- Antimicrobial Susceptibility Testing
- Salivary Microbiome Sequencing
- Probiotic Strain Screening for Oral Health
- Antimicrobial Peptide Efficacy Testing
- Root Canal Infection Microbiology
- Orthodontic Appliance Biofilm Studies
- Implant-Associated Infection Research
- Microbial Resistance in Oral Infections
- Genomic Analysis of Oral Pathogens
- Metagenomics of Oral Microbiota
- Oral Virus Detection and Characterization
- Gingivitis and Halitosis Microbiology
- Dental Plaque Metabolic Profiling
- Enzyme Activity in Oral Biofilms
- Oral Cancer and Microbial Associations
- Microbial Biofilm Imaging and Quantification
- Antimicrobial Coating Efficacy
- Dental Hygiene Product Testing

- Cross-Sectional Oral Microbiome Surveys
- Longitudinal Oral Health Microbiome Studies
- Publication-Ready Oral Microbiology Data
- Regulatory-Compliant Oral Micro Reports
- Cross-Lab Collaborative Oral Micro Projects
- Custom Oral Microbiology Research Projects
- Patient Education and Compliance Studies

## **Key Research Outsourcing Services Offered**

- Sample Collection (Plaque, Saliva, Biofilm)
- Culture and Isolation of Oral Microbes
- 16S rRNA and Metagenomic Sequencing
- Biofilm Assay Development
- Antimicrobial Susceptibility Panels
- Enzyme Activity and Metabolic Tests
- Microscopy and Biofilm Imaging
- Probiotic and Antimicrobial Testing
- Orthodontic Appliance Biofilm Analysis
- Root Canal Microbial Profiling
- Fungal Pathogen Identification
- Virus Detection in Oral Samples
- Resistance Gene Detection
- Bioinformatics and Data Analysis
- Publication-Ready Reports and Figures
- Regulatory Compliance Documentation
- Confidential Data Handling and NDA
- Interim Reports and Stakeholder Updates
- Stakeholder Presentation Support
- Workshops and Training in Oral Microbiology
- Post-Project Technical Consulting
- IP and Patent Filing Support
- Grant Proposal and Manuscript Assistance
- Sample Archiving and Secure Backup
- Compliance with GLP, GCP, ISO Standards
- Cross-Lab Validation and Data Sharing
- Collaboration with Dental Research Centers
- Long-Term Oral Microbiology Partnerships
- Custom Patient-Focused Oral Micro Reports
- Community Oral Health Program Support

## **Why Choose Us for Oral Microbiology Research**

## Outsourcing?

Our team provides accurate microbial profiling, validated antimicrobial data, and clear, regulatory-ready reports to advance your dental product development and oral health research.

## Industries & Sectors We Serve

- Dental Clinics and Research Institutes
- Oral Care Product Companies
- Public Health Oral Health Programs
- Academic Dental Schools
- Clinical Microbiology Labs
- Regulatory Oral Microbiome Testing Units

## Customized Oral Microbiology Solutions

We develop experimental designs, antimicrobial assays, and microbiome studies tailored to your oral health research needs and regulatory requirements.

## Quality Assurance & Regulatory Compliance

Our workflows comply with GLP, GCP, ISO, and oral microbiology guidelines, ensuring validated, reproducible, and audit-ready data packages.

## Case Studies & Client Success Stories

Discover how our outsourcing has supported new mouthwash development, probiotic dental products, and innovative biofilm control strategies. References available on request.

## How It Works: Our Research Outsourcing Process

1. **Requirement Gathering:** Define target microbes, product type, and study endpoints.
2. **Proposal & Quotation:** Provide detailed plan, timeline, and budget estimate.
3. **Lab Execution:** Perform culture, assays, sequencing, and data analysis.
4. **Reporting:** Deliver regulatory-ready reports and publication-ready data.
5. **Post-Project Support:** Offer follow-up testing, IP support, and manuscript writing.

## Frequently Asked Questions (FAQs)

**Q:** Can you test antimicrobial mouthwashes?

**A:** Yes — we assess antimicrobial efficacy against oral pathogens and biofilms.

**Q:** Do you provide oral microbiome sequencing?

**A:** Absolutely — we deliver detailed microbiome profiles for research and product claims.

**Q:** How secure is my dental research data?

**A:** We ensure strict NDAs, encrypted storage, and compliance with global data protection norms.

## **Get Started / Request a Quote**

Contact us today to discuss your oral microbiology project and receive a tailored plan, timeline, and cost estimate aligned with your dental research goals.

## **Contact Us**

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