Fungal metagenomics

The fungal composition of a sample will be profiled through the amplification and target sequencing of the internal transcribed spacer (ITS) regions using Illumina Miseq sequencing 300×2, widely used in taxonomy and molecular phylogeny. The service includes taxonomic affiliation, diversity and comparative profiling and intranet real-time supporting (including 3 partial reports).

ADDRESS TO

Agriculture and livestock. Soil monitoring, Fungal-bacterial interactions in micorrizic environment.

Health-Care: Clinicians and pharma. Odontological clinics (Monitoring dental pathogens, periodontidis, peri-implantitis, gingivitis, mucositis).

Consumer goods industry. Monitoring biofermentative products, Prophylactic crisis (Zoonosis and human pathogens), Increase of expiration dates.

Research centers. Environmental studies, Biomarkers detection.

WHAT CAN YOU EXPECT FROM US

High level of advice in the experimental design

q30 quality guaranteed for almost 70% reads

Custom pipeline and different barcode available

Mixed studies with 16S bacteria metagenomics available

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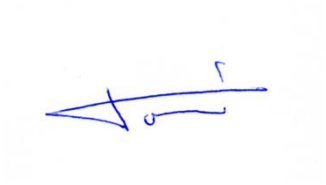
Barcelona, 05 de February de 2018

Dr. Pedro Iñaki González Torres, PhD
CEO COO Microomics Systems S.L.



Toni Gabaldon, PhD
CSO Microomics Systems S.L.

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