

## PRESS RELEASE

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### Fraunhofer Chile Research presents their innovations in Biomedicine and Healthcare to the Clínicas de Chile trade association

The Center for Systems Biotechnology at Fraunhofer Chile Research participated in the annual seminar organized by the trade association Clínicas de Chile. At the occasion, research-based solutions for health and innovations in biomedicine were presented for over 600 representatives from the industry.

Over 600 representatives from the private health industry attended the trade association Clínicas de Chile annual seminar, entitled "The new patient and the effects of the health reform proposal". The event took place on October 23rd in Santiago and was sponsored by Fraunhofer Chile Research - Center for Systems Biotechnology (FCR-CSB). At the occasion, FCR-CSB researchers presented their main research solutions for health, as well as innovations in biomedicine.

The Biomedicine Division at FCR-CSB carries out projects in basic, applied and translational research aimed at improving the understanding of the molecular basis of brain disease, particularly neurological pathologies. "We have just applied for two patents relating to a particular animal model for the study of neurodegenerative and neurodevelopmental diseases", says Dr. Patricia Pérez-Cogram, leader of the Biomedicine Division.

Through its Biocomputing and Applied Genetics Division (BAGD), FCR-CSB delivers several applied research services. Its business areas include microbial diversity in clinical environments, diagnostics and monitoring of multiple pathogens, genetic association studies and functional genomics, patient DNA sequencing for clinical research, development of cyber-infrastructure for medical research and pharmacology.

"This area offers interesting opportunities for medicine, be it through the delivery of personalized medical treatments depending on the patient's genetic profile or the design of more effective drugs based on genetic profiles, among others", explains Dr. Jorge Valdés, Leader of the BAGD.

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FRAUNHOFER CHILE RESEARCH FOUNDATION - CENTER FOR SYSTEMS BIOTECHNOLOGY

Executive Director at FCR-CSB, Dr. Wolfgang Schuch, emphasizes, “The intersection between basic science and clinic performed by Fraunhofer in Chile allows the development of personalized tools aimed at finding new therapies to improve the health of patients who need it”

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### About Fraunhofer Chile Research Foundation

Fraunhofer Research Chile Foundation (FCR) is a wholly owned subsidiary of the Fraunhofer Gesellschaft of Germany. Its aim is to improve industrial competitiveness through applied research. FCR is supported by InnovaChile under a program created by CORFO whose objective is the establishment of International Centers of Excellence in Chile and the promotion of international joint research and development. The Centre of Systems Biotechnology is linked to the Fraunhofer Institute for Molecular biology and Applied Ecology (IME) and address issues related to aquaculture research, nanotechnology and renewable energy systems.

### About Clínicas de Chile A.G.

Clínicas de Chile A.G. is a trade association that joins the main private health providers in Santiago and other regions of the country, in the common project of delivering a better health service for Chile. Under this vision, its main goals are the harmonic development, protection and improvement of the associated institutions, promoting that the performance of its associates is strictly compliant with high ethical and quality standards.



**Fraunhofer-Gesellschaft** is the leading organization for applied research in Europe. Its research activities are conducted by 60 Fraunhofer Institutes at over 40 different locations throughout Germany. The Fraunhofer-Gesellschaft employs staff of around 18,000, who work with an annual research budget totalling 1.65 billion euros. Roughly two thirds of this sum is generated through contract research on behalf of industry and publicly funded research projects. Branches in Europe, USA, Latin America and Asia serve to promote international cooperation.