



COLOMBIAN RESEARCH GROUP

1. CORPOICA (AGRICULTURAL RESEARCH CORPORATION OF COLOMBIA)



**Ministerio de Agricultura
y Desarrollo Rural**

**Prosperidad
para todos**



CORPOICA is a decentralized public entity for services with private regime, whose mission is to contribute to the improvement and sustainability of the agricultural sector through network management and technology knowledge with scientific rigor and quality.

STRENGTHS

Is the holder of the National Germplasm Bank for agriculture and livestock. Have National coverages with research centers organized for agro-ecological zones:

- High Tropical (moderate cold weather or cold, altitude from 1800 to 2800 m): C.I. La Selva, Tibaitatá and C.B.B. (Center for Biotechnology and Industry).
- Tropical (temperate, altitude from 1000 to 2000 m.a.s.l.): C.I. Palmira, C.I. Nataima the E.E. La Suiza, E.E. El Nus and E.E. Cimpa.
- Under Tropical (warm floor heat, altitude from 0 to 700 or 800 m): CI Turipaná, E.E. Caribia, E.E. Motilonia and C.I. Libertá.



RESEARCH GROUPS

- Research Group on Genotype-Environment and Quality of fruits (GIGA-CaF).
 1. Effect of the genotype and environment interaction on yield and quality of fruits.
 2. Effect of different biotic and abiotic factors on the health components of fruits.
 3. Effect of environmental y genetics factors on the health and safety of fruits in pre and postharvest.
- Interdisciplinary Research Group on Tropical Fruits.
 1. Ecophysiology and Agronomic Management.
 2. Integrated Pest Management.
 3. Postharvest and processing.
 4. Crop Protection.



Contacto: C.I. La Selva.
Km 7 Vía Las Palmas.
Vereda Llanogrande.
AA 100 - Rionegro.
Antioquia, Colombia.
Tel: + 57 4 537 14 90.
Fax: + 57 4 537 13 69.



5. Genetic resources.

- Research Group on Space-Temporal Analysis and Phytosanitary Events Management.
 1. Microorganisms basic biology.
 2. Microorganisms population and communities biology.
 3. Development of systems for monitoring and analyze the phytosanitary problems.
 4. Technologies for the management of the phytosanitary problems.
- Research Group on Genetic Resources and Breeding of Fruits from the Andean Region.
 1. Study of the genetic diversity and variability.
 2. Preservation of the genetic variability.
 3. Sustainable use of the Agrobiodiversity.

HUMAN RESOURCES

- Catarina Pássaro Carvalho, Ph.D. La Selva. Líder / cpassaro@corpoica.org.co; cpassaro@gmail.com
- Alejandro Navas, Ph.D. C.I. La Selva / anavasa@corpoica.org.co
- Oscar Córdoba, Master. C.I. La Selva / ocordoba@corpoica.org.co
- Jairo Garcia, Master. C.I. Nataima / jgarcia@corpoica.org.co
- Jairo Osorio, Ph.D. C.I. Tibaitata / josorio@corpoica.org.co
- Erika Martinez, Master. C.I. Tibaitata / emartinezl@corpoica.org.co
- Olga Pérez, Ph.D. C.I. Tibaitata / oyperez@corpoica.org.co
- Clara Medina, Ph.D. C.I. La Selva / clara.medina@gmail.com

INFRASTRUCTURE RESOURCES

- Lab equipment on genetic, molecular markers, postharvest, phytopathology, vegetable physiology, microbiology and food quality.



- Storage and postharvest chambers.
- Food industry pilot plant.
- Geomatics Service Unity.
- Experimental farms, traditional greenhouses and controlled greenhouses.
- Library, Journal and Technical publications.



<http://www.corpoica.org.co/SitioWeb/Revistas/Revistas.asp>

URL: www.corpoica.org.co



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2. LASALLIAN UNIVERSITY CORPORATION (UL)



The Lasallian University Corporation is an institution of higher education, private, common utility and non-profit.

RESEARCH GROUP

- Research Group on Foods (GRIAL)
 - Research, development and innovation of food processes and products (I&D+i).
 - Safety and food quality.

HUMAN RESOURCES

- Julian Londoño, PhD. / jalondo@gmail.com
- Research Master (3)
- Research professionals (1)

INFRASTRUCTURE RESOURCES

- Spray dryer
- SFE (Supercritical Fluid Extraction)
- Veterinary Clinic Hermano Octavio Martínez López.
- Food Processing Plants ((dairy, meat, vegetables, and cereals)

OTHER UNIVERSITIES AND RESEARCH CENTERS

USA	France	Belén
University of the Christian Brothers La Salle Philadelphia	La Salle Beauvais	Universidad de Belen
México	Colombia	Venezuela
La Salle México	La Salle Bogotá	Fundación La Salle de Ciencias Naturales
Brasil	Indonesia	Filipinas
Unilasalle Canoas	La Salle Manado	La Salle Araneta La Salle Manila La Salle Dasmariñas

URL: www.lasallista.edu.co



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3. UNIVERSITY OF ANTIOQUIA

The University of Antioquia, is a state institution that develops public service for higher education.



RESEARCH GROUP

- Research Group on Bioactive Substances (GISB)
 - Modulation of oxidative processes and functional foods.
 - Analytical evaluation of medicinal plants.
 - Modulation of enzyme systems, cellular and molecular targets of biological interest.
 - Antiparasitic substances.
 - Synthesis of bioactive compounds.



HUMAN RESOURCES

- Rafael Álvarez, Ph.D. / malvarez153@yahoo.com
- Karen Bravo, Master / karenbramu@gmail.com

INFRASTRUCTURE RESOURCES

- Lab equipment: HPLC-DAD, HPLC-MS, GC-MS, HPTLC, spectrophotometer UV / Vis, spectrofluorometer, SFE, freeze dryer and others.
- Pilot plant for the extraction of pectins.

URL: www.udea.edu.co/portal/page/portal/portal

4. VIDARIUM



Is a nonprofit Research Center in Nutrition, Health and Welfare of the Nutresa Enterprise Group. Generates and manages permanently knowledge in nutrition and food healthy and supports the processes of product development and services and contribute to improving the quality of life in Colombia and north and south strategic regions.

HUMAN RESOURCES

Katalina Muñoz Durango, Ph.D. / kmunoz@serviciosnutresa.com

RESEARCH LINES

Antioxidants, Probiotics, Polyunsaturated fat acids, Food components and others, oriented to cardiovascular diseases and obesity.



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5. RESEARCH INSTITUT OF FOOD CIENCE AND TECHNOLOGY (INTAL FOUNDATION)



INTAL is a nonprofit foundation, in order to facilitate access to research, development, technology and technical training for the food industry sector, committed to the improving of food processes and products.

HUMAN RESOURCES

- Jaime Andrés Cano, PhD. / ctproyectos@fundacionintal.org
- Claudia Restrepo, Master / crestrepo@fundacionintal.org

RESEARH LINES

- Technology Watch of the different methodologies used in the food industry for the calculation of life of meat, baked, canned and other products.
- Interchange of researchers through visits to national and international research centers.
- Shelf life studies.
- Validation of new methodologies in food matrices as: meat baked and canned.

INFRASTRUCTURE RESOURCES

- Industrial pilot plants for food processes and byproduct utilization.
- Development Center of Gastronomy and Packaging Center.
- Lab equipment for sensorial analysis and shelf life, microbiological and packaging studies.

URL: www.fundacionintal.org

6. CARIBBEAN EXOTICS S.A.



The firm was founded in 1986, in response to a campaign developed by the Government Office for Promoting Exports, whose aim is the export of tropical exotic fresh fruits: passion fruit, tamarillo, physalis, cactus fig, pitahaya, curubas, star fruit, papayas, mangoes and others.

MISSION

CARIBBEAN EXOTICS is a company dedicated to the commercialization of fruits. We offer products that have been carefully selected and packed for its consumption, for which we can count on a competent human group and appropriate logistic resources.



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CARIBBEAN EXOTICS relies on a managerial team of about 12 professionals, and a work force of about 64.

CARIBBEAN EXOTICS works together with about 220 farms. We can guarantee the life of about 300 families.



In order to fulfill the international standard of quality, CARIBBEAN

EXOTICS can be proud to have obtained the qualification of ISO 9001:2000, and also the EUREP GAP certification as the requirement to export our products to Europe.

Additionally we received the certification of BASC (Business Alliance for Secure Commerce), promoted by USA.



TEAM

Alexander Cardona García, Ing. / tecalex33@hotmail.com

Mauricio Ortiz Carvajal, Ing. / mauricioortiz@yahoo.es

URL: www.caribbeanexotics.com.co/

7. FRUIT GROWERS ASSOCIATION OF FRESNO (ASOFRUTOS)



Association of fruit and vegetables, non-profit organization established to contribute to the corporatization of horticulture in the region, seeking always to improve the quality of life of rural communities and preserving the natural resources.

In Fresno (Tolima) is a important agricultural township, shaped by the variety of fruit crops, among which are the avocado, snack (baby banana), soursop, lulus, cocoa and coffee, among others.

ACTIVITIES

- Technical assistance
- Entrepreneurship and Training
- Agroecotourism
- Environmental Conservation



TEAM

Jose Gil Cruz Parra / asofrutos@hotmail.com

URL: <http://asofrutos.blogspot.com/>



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