SCIENZA PER AMORE

HYST TECHNOLOGY:

GREEN TECHNOLOGY, NUTRITION AND INTERNATIONAL COOPERATION

Rome APRIL 19th 2013, 10.00 am - 1.00 pm

PROGRAMME

GREETINGS

Diego Barba, Head of Chemical Engineering for Sustainable Development, Campus Bio-Medico University of Rome

Laura De Gara, Head of Food Science and Human Nutrition Degrees, Campus Bio-Medico University of Rome

HYST TECHNOLOGY: PRINCIPLES AND AREAS OF APPLICATION

Pier Paolo dell'Omo, Sapienza University of Rome – DIAEE

HUMAN NUTRITION: RESULTS AND PROSPECTS

Francesca Luciani – Istituto Superiore di Sanità (ISS)
Center for Immunobiological Research and Evaluation (CRIVIB)

HYST TECHNOLOGY AND SUSTAINABLE DEVELOPMENT

Giuliana Vinci, Sapienza University of Rome, Department of Management

PROJECTS FOR DEVELOPING COUNTRIES

Luca Urdich, Scienza per Amore Association

DISCUSSION

Campus Bio-Medico University of Rome
Via Álvaro del Portillo, 21 - Rome

Campus Bio-Medico University of Rome and **Scienza per Amore** Association, in collaboration with **BioHyst**, are organising the conference:

"Hyst Technology: Green Technology, Nutrition and International Cooperation".

Hyst technology is a system for treating plant material which, through the physical action of "disaggregation", breaks down plant structures via multiple high speed collisions between fragments of the raw material.
It is a zero environmental impact treatment that at low cost processes raw material without altering its characteristics and, therefore, is an alternative to common processing systems that modify matter via chemical or thermochemical processes. Results achieved so far justify the belief that the *Hyst* system can be a solution for optimizing the use of many types of biomass, among which residues and by-products, in order to harmonize food and energy needs. Using the same biomass for more than one purpose is the turning point of this technology: a resource for food, energy and chemical and pharmaceutical industries.
Hyst technology stems from a humanitarian project, today called *Bits of Future: Food for All*, promoted by the *Scienza per Amore* Association. The aim of this project is to sustain growth in Developing Countries by optimizing, via *Hyst*, the use of local resources to fight hunger, poverty and energy shortages.
Within this context, this Conference intends to represent an opportunity for encounter and dialogue among researchers in order to examine the results achieved and trace out new routes for research and development.

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