



ICon-BSES 2009

International Research Workshop

on

“*Agrobacterium*: the tool for horizontal gene transfer”

Date: 22.10.2009 (Thursday)

Venue

Smart Class Room: 209
Hexagon Building (SMV block), VIT University

Conducted by

Prof. Dr. Hans-Joerg Jacobsen
Head
Institute of Plant Genetics
Gottfried Wilhelm Leibniz Universität, Hannover, Germany

Chairman

Prof. Dr. Lazar Mathew
Director (SBST) & Director (Sponsored Research)
VIT University

Organizing Secretaries

Dr. R. Seenivasan and Dr. G. Anil Kumar
SBST, VIT University

Program

Time	Event
10.00 am	Inaugural address (Prof. Dr. Lazar Mathew, Director SBST & SR)
10.30 am	Special lecture on “ Plant Genetic Engineering: Why and How? ” (Prof. Dr. Hans-Joerg Jacobsen)
11.15 am	Tea break (10 min.)
12.30 pm	Lunch break
02.00 pm	Special lecture on “ Plant Genetic Engineering: Examples for a sustainable agriculture of the future ” (Prof. Dr. Hans-Joerg Jacobsen)
03.15 pm	Tea break (10 min.)
04.00 pm	Feed back from participants
04.30 pm	Conclusion and Vote of thanks (Dr. R. Seenivasan)

Research in Germany



Land of Ideas

About Research Workshop

The world is facing several challenges, namely population growth, shrinking arable lands and climate change. Conventional breeding methods and general increase in agricultural productivity alone will not be sufficient to provide sustainable answer in due time. Therefore, alternatives are urgently needed, including plant genetic engineering, a tool which since its discovery 25 years ago has already proved its potential in a growing number of countries, including India. The major emphasis in using this technology is growing more crops with less input in land, nature, fertilizers and agrochemicals. The basic biology underlying plant genetic engineering using the natural vector *Agrobacterium tumefaciens* will be outlined, success stories demonstrated and research gaps discussed.