Indo-German Joint Science Projects

IRTG-MCGS

CuChíBCA

Prof. Dr. Bruno Moerschbacher /Dr. Sonia Chachra - Universität Münster
How it all started .....
2005-07
DAAD / DST student exchange project

Prof. Appa Rao (Hyderabad)
← Neeraja
Frank → Bruno →
← Appa Rao
Aras →

2007-11
DAAD fellowship
Malati
2005
International Meeting
Plant-Microbe Interactions

Chennai Institute of Tropical Mycology
Dr. T.S. Suryanarayanan

2007-11
BMBF / DBT project
← Govind Nouri →
← Sury

2008-11
DAAD Raju

← Govind Nouri →
← Sury

2008-11
DAAD Raju
2006
Veraval
Mahtani
Chitosan
Dr. Gillet

Hyderabad
Central
University
Prof. Appa Rao

CRIDA
Dr. Suseelendra
Desai

AgriBiotech
International
Conference
Dr. Y.R. Sarma
IISR Calicut
2008
DAAD
invitation
Dr. Suseelendra
(Hyderabad)

2009-10
DAAD
fellowship
Praveen

2010-11
EMBO
fellowship
Ashok

2010-13
DAAD
fellowship
Shoa
2009-14 (-18)

DFG / UGC project

First Indo-German International Research Training Group

Molecular and Cellular Glyco-Sciences

8 Indian + 8 German Groups

Teja
Dr. Sonia
← Madhu
Ekaterina
Manjeet
2010-12
DAAD project

A New Passage to India

prePhD modules

1 month
language & culture class

1 month
theoretical & experimental skills

2 months
project work

← 6+6 JRF (Manjeet)

11+3 MSc →
2010

BMBF organised visit of Dr. Bhan, secretary of state and chairman of DBT

Discussion on past and future Indo-German collaborative projects and initiatives in biotechnology
2011-15
BMBF / DBT
first Indo-German 2+2 project

Pantnagar University for Agricultural Technology
Prof. Jatinder Kumar

Hyderabad SriBiotech
Dr. Reddy
Dr. Sarma

chitosans supplied by Mahtani Chitosan Veraval
2012

BMBF / DBT

Indo-German Steering Committee on Biotechnology

to discuss and suggest future options for Indo-German collaborations in biotechnology

first meeting in February 2012
MCGS

First Indo-German International Research Training Group in Molecular and Cellular Glyco-Science
Münster, Germany
Westphalian Wilhelm’s University - WWU
Max Planck Institute of Molecular Biomedicine

Hyderabad, India
University of Hyderabad - UoH
Osmania University Hyderabad - OU
Centre for Cellular and Molecular Biology - CCMB

Glyco-Sciences

9 Principal investigators
18 Research Scholars
1 Post Doc
1 Associated Scientist

9 Principal investigators
7 Research Scholars
4 Associated Scientists

Dr. Sonia Chachra
Indo-German Collaboration

Cell Biology

Medical physics & biophysics

Pharmaceutical Biology & Phytochemistry

Plant Biology

Bioinformatics

Chemistry

Biophysics

Proteomics
Excursions
International cooking
evening
Movies, bowling,
dancing, dinners and
many more……

Yearly-Project review
meeting
Academic presentation
skills
Writing success
promising proposals

Communication
skills/Language classes
Leadership
Team Player
Flexibility/adaptability

Conferences
Seminar series
Short term lab visits
Network Symposium

Workshops-Intercultural
communication
Summer and Winter
schools

Excursions
International cooking
evening
Movies, bowling,
dancing, dinners and
many more……

Science/Research

Enabling
skills

Recreation

Networking

Cultural
Avancement

Project
Management

MCGS
more than just a PhD………

Dr. Sonia Chachra
Student/Research Exchange

Ajith K. Aravindakshan
Manjeet Kaur

Gnanesh Kumar B. S
J. Madhu Prakash
Bobbili Kishore Babu

Jana K. Renke
Mona M. Schulte
Archana Vijaya Kumar
Sonia Chachra

Bianca Menchicchi
Juan Pablo Fuenzalida
Jutta Messing

Dr. Sonia Chachra
Summer School - Germany
Cultural communication Workshop
Challenges

-Difference between theory and practice: Matching funds
   Under discussion

-Difference in living costs: Germany Vs. India
   Proposed solution; sending side should bear expenses for the travel
   and the receiving side for the stay.

-Duration of PhD. - 3 years in Germany Vs. 5 years in India
   Can be solved by accepting Indian PhD students into the IRTG only
during their 3 year SRF phase

-Difference in organization/ Cultural-Communication differences
   Solution: Intercultural workshops, also we are open to your suggestions!

-Visa Issues

-Student exchange
Danke Schön!

The Language of Sugars
Ug99 - a global threat to wheat production ...

major wheat growing areas
Ug99 present
Ug99 imminent

migration 1999 → 2010
predicted ⋯ → 2011/12 ⋯ → 2013/15

Dr. Sonia Chachra