

Indo-German Joint Science Projects



IRTG-MCGS



A New Passage
to India.

CuChiBCA

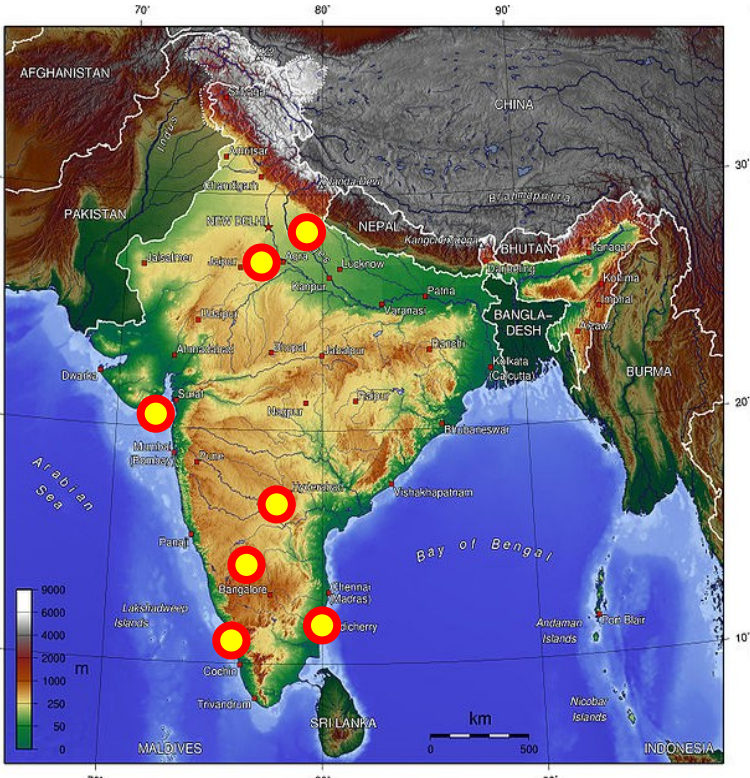


Prof. Dr. Bruno Moerschbacher /Dr. Sonia Chachra - Universität Münster

How it all started



A New Passage to India.



CUCHIBCA

DAAD / DST student exchange



2004

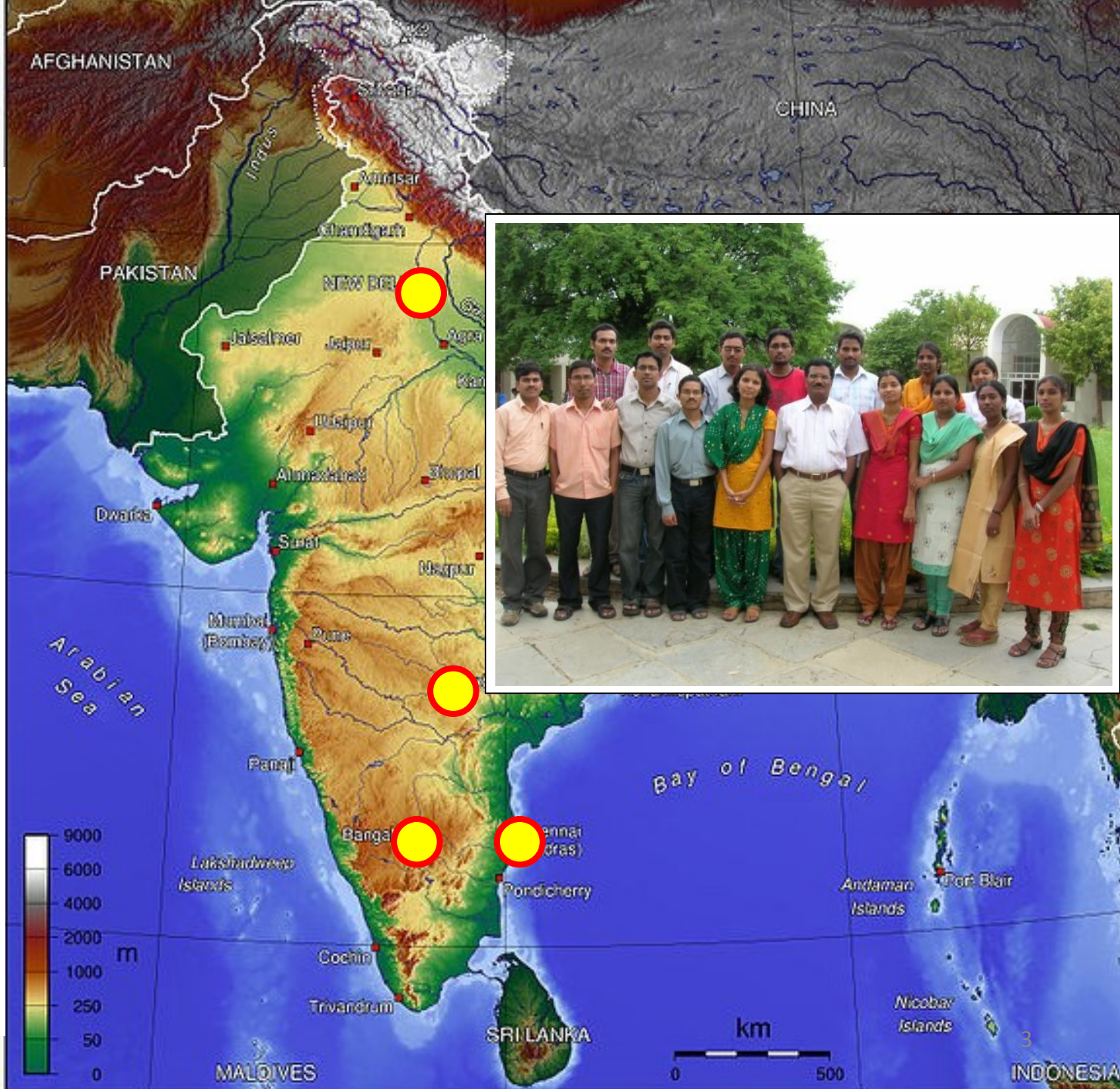
**DAAD / DFG
delegation
journey**

**HiTech
Germany**

**Delhi
Hyderabad
Chennai
Bangalore**

**Nanotechnology
Biotechnology
Biomedicine**

**Hyderabad
Central
University
Prof. Appa Rao
Podile**



2005-07

**DAAD / DST
student
exchange
project**

**Prof. Appa Rao
(Hyderabad)**

← **Neeraja**

Frank →

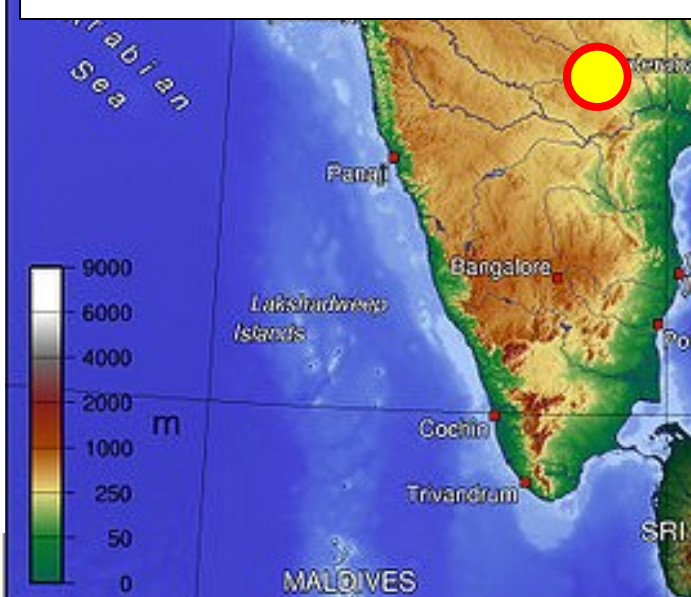
Bruno →

← **Appa Rao**

Aras →

2007-11

**DAAD
fellowship
Malati**



2005

**International
Meeting
Plant-Microbe
Interactions**

Chennai

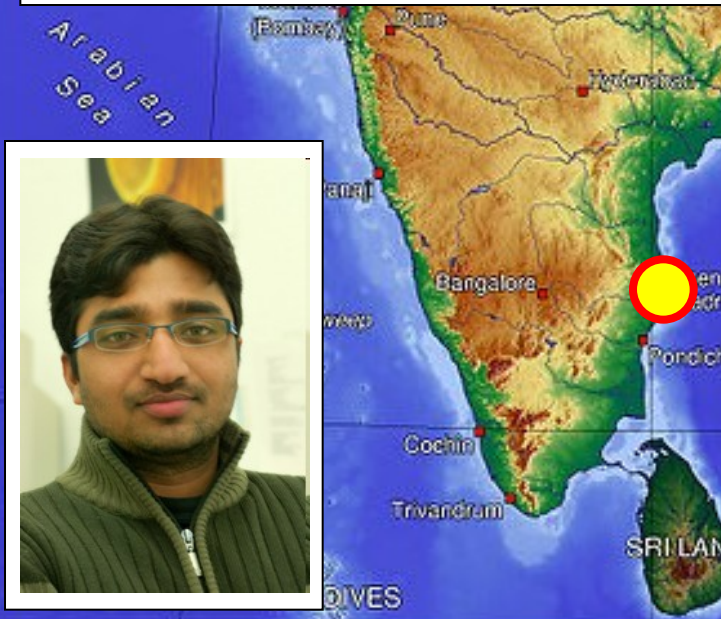
**Institute of
Tropical Mycology
Dr. T.S.
Suryanarayanan**

2007-11

**BMBF / DBT
project**

← **Govind
Nouri** →
← **Sury**

**2008-11
DAAD
Raju**



2006

Veraval

Mahtani

Chitosan

Dr. Gillet

Hyderabad

Central

University

Prof. Appa Rao

CRIDA

Dr. Suseelendra

Desai

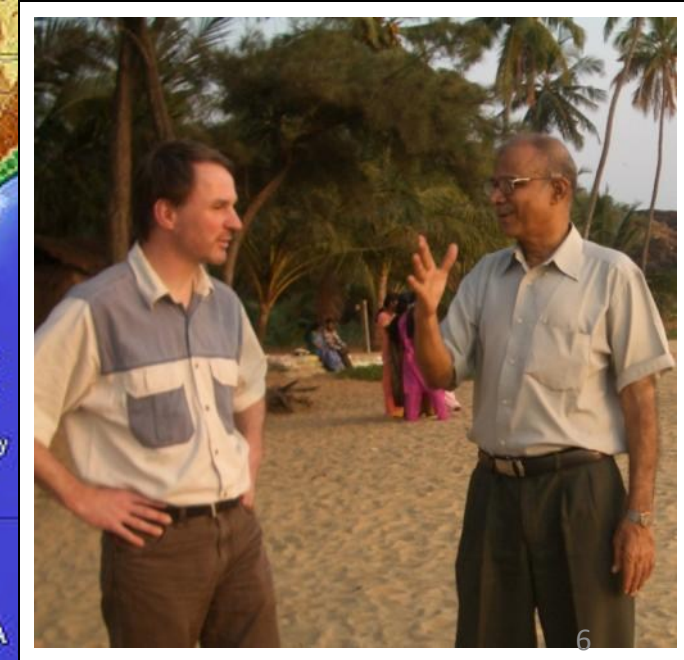
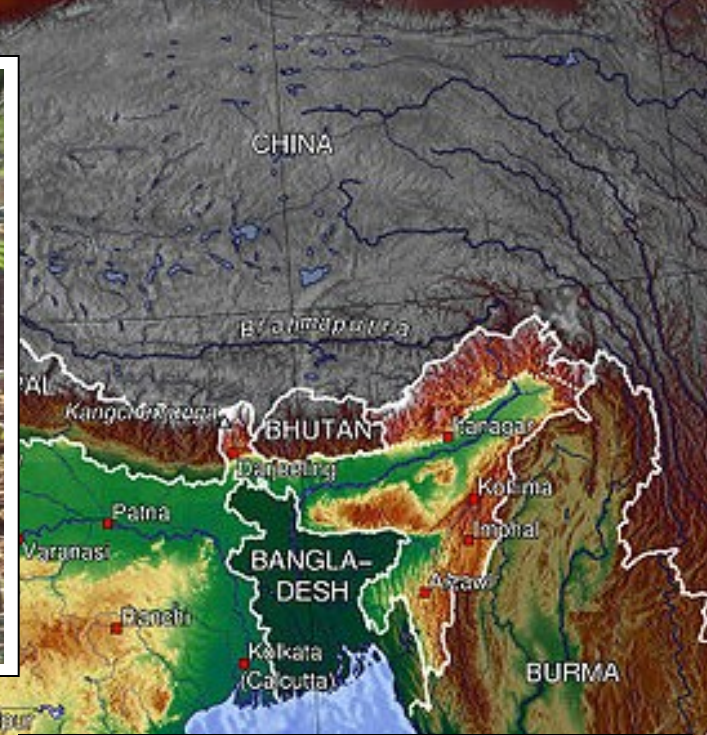
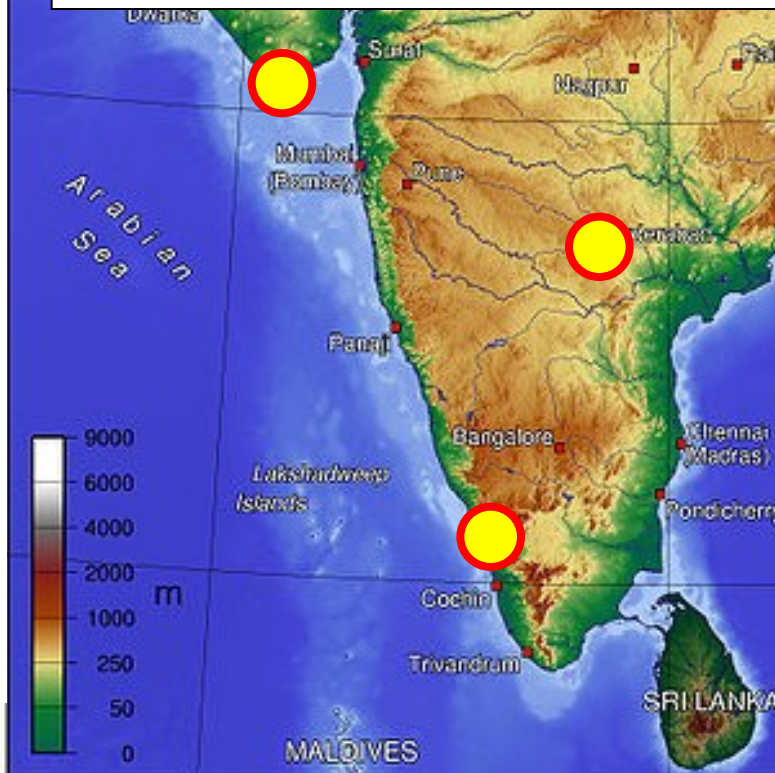
AgriBiotech

International

Conference

Dr. Y.R. Sarma

IISR **Calicut**



2008

**DAAD
invitation
Dr. Suseelendra
(Hyderabad)**

2009-10

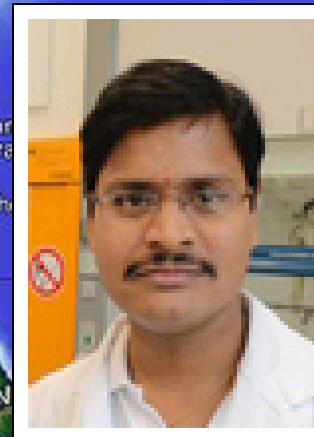
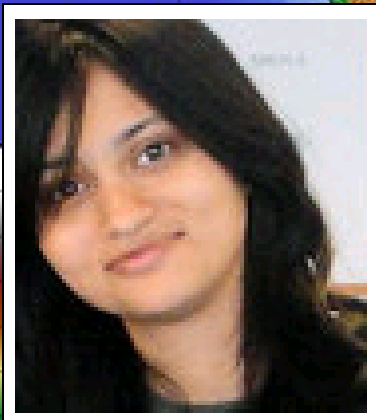
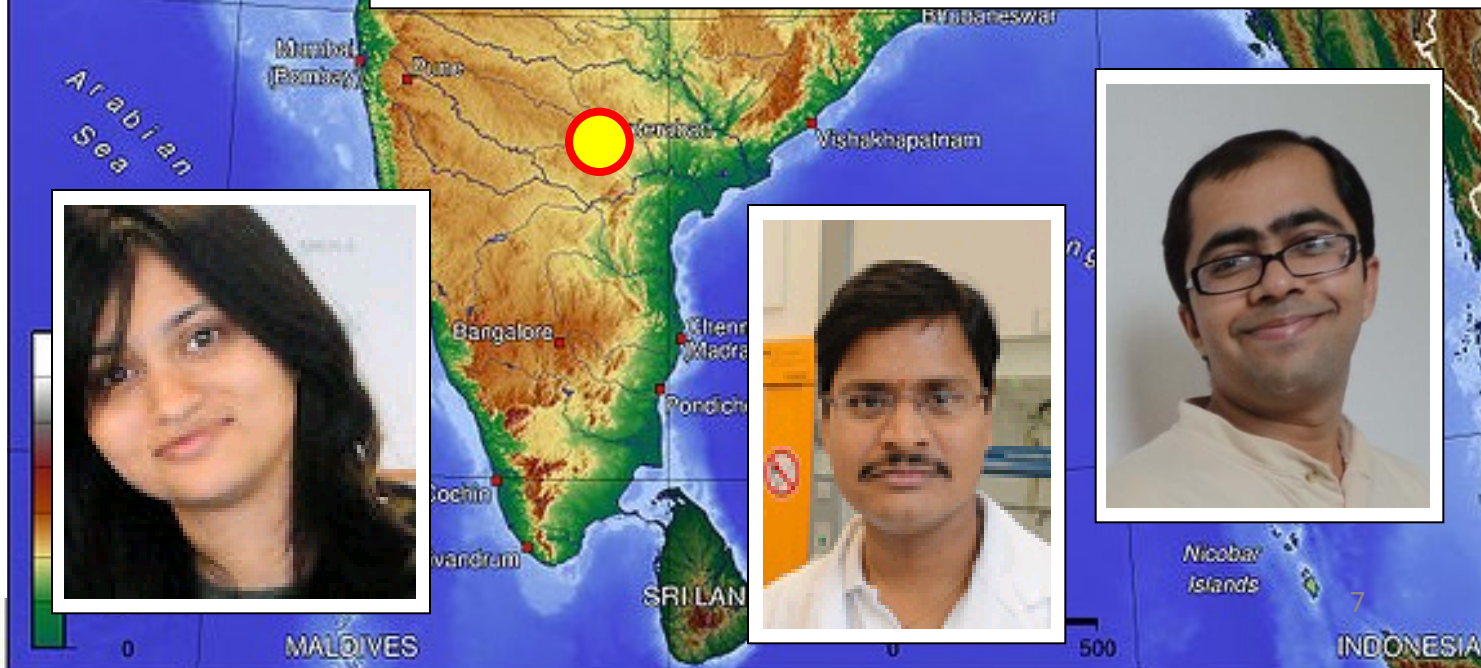
**DAAD
fellowship
Praveen**

2010-11

**EMBO
fellowship
Ashok**

2010-13

**DAAD
fellowship
Shoa**



Memorandum of Understanding WWU - HCU

2009



2009-14 (-18)

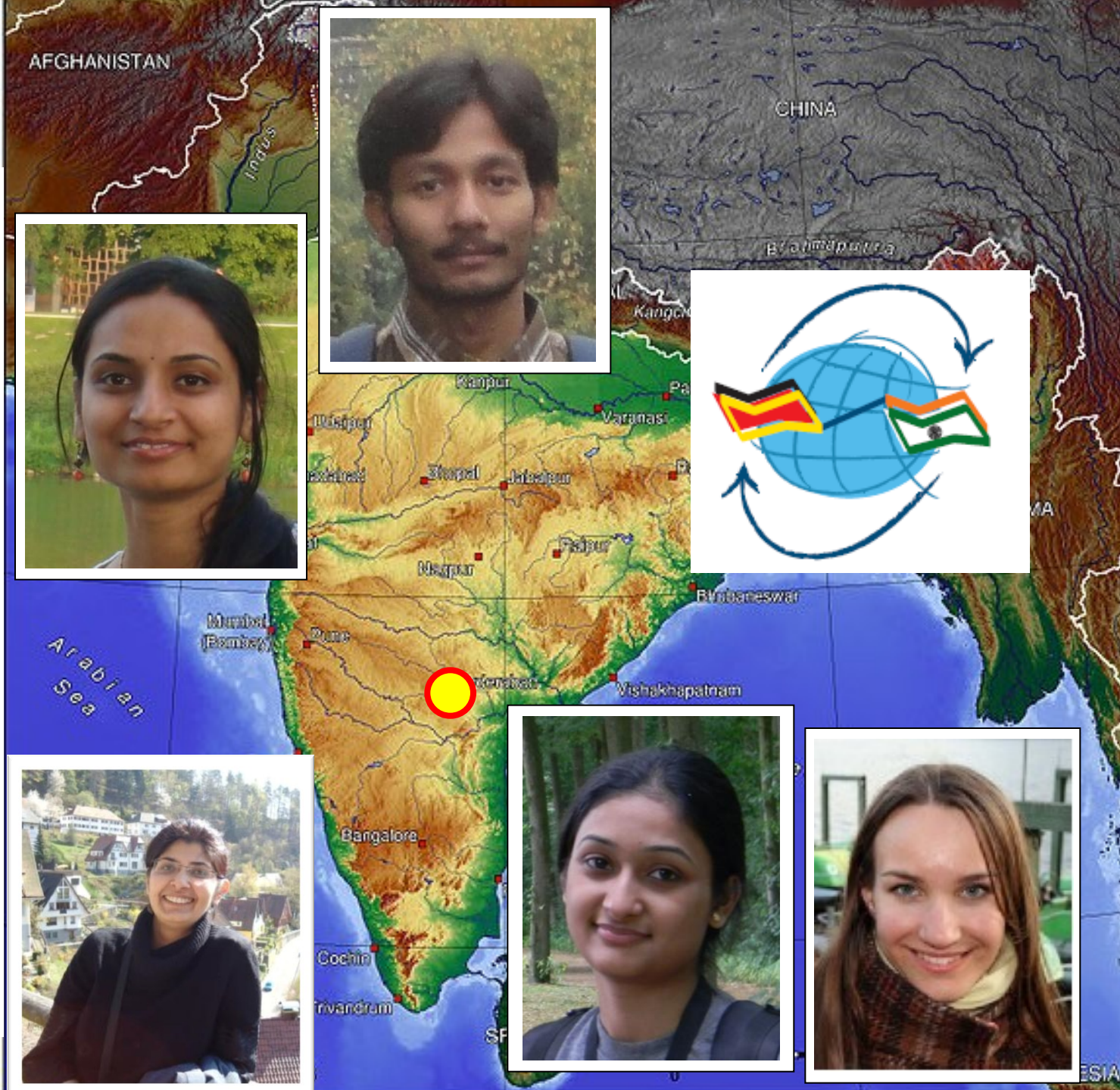
**DFG / UGC
project**

**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

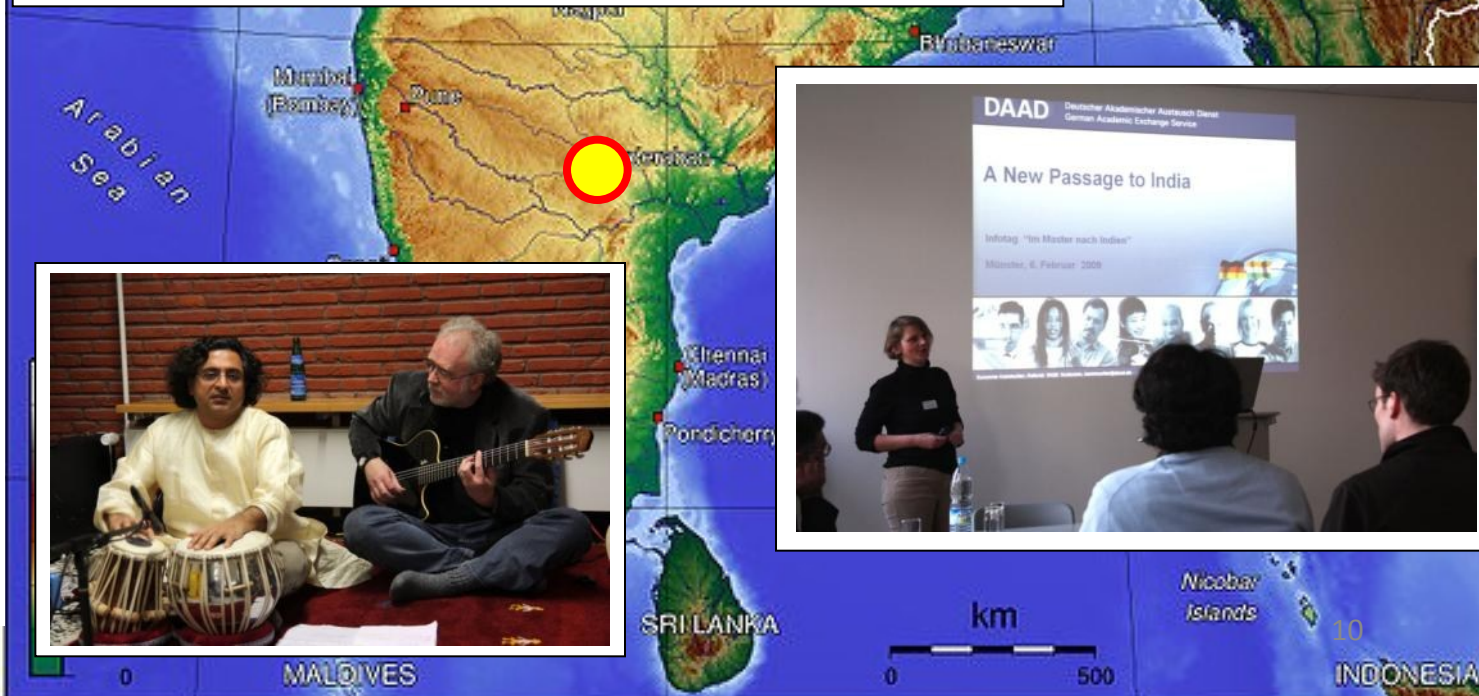
prePhD
modules

1 month
language &
culture class
1 month
theoretical &
experimental
skills
2 months
project work

← 6+6 JRF
(Manjeet)
11+3 MSc →



A New Passage
to India.



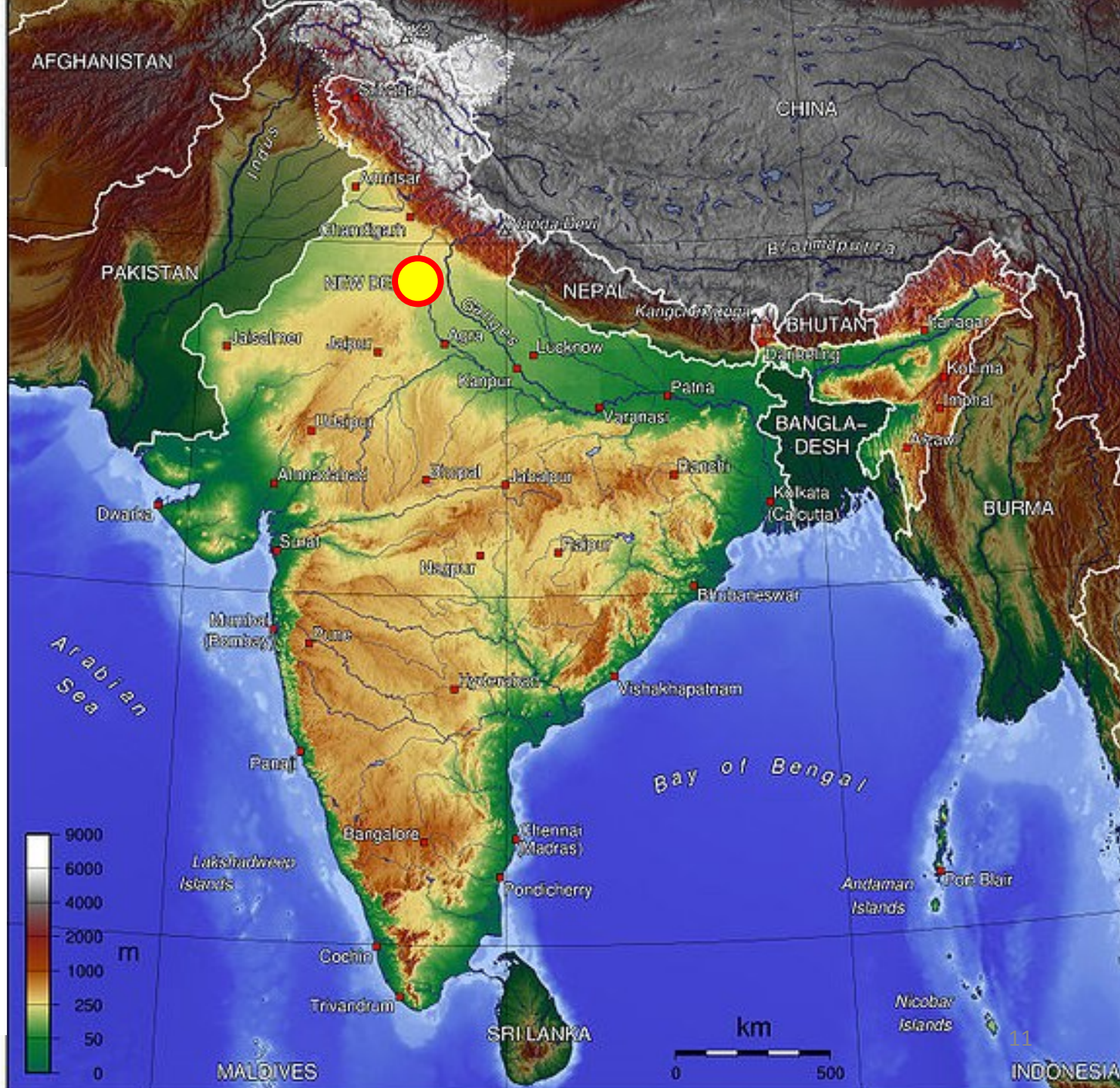
2010

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



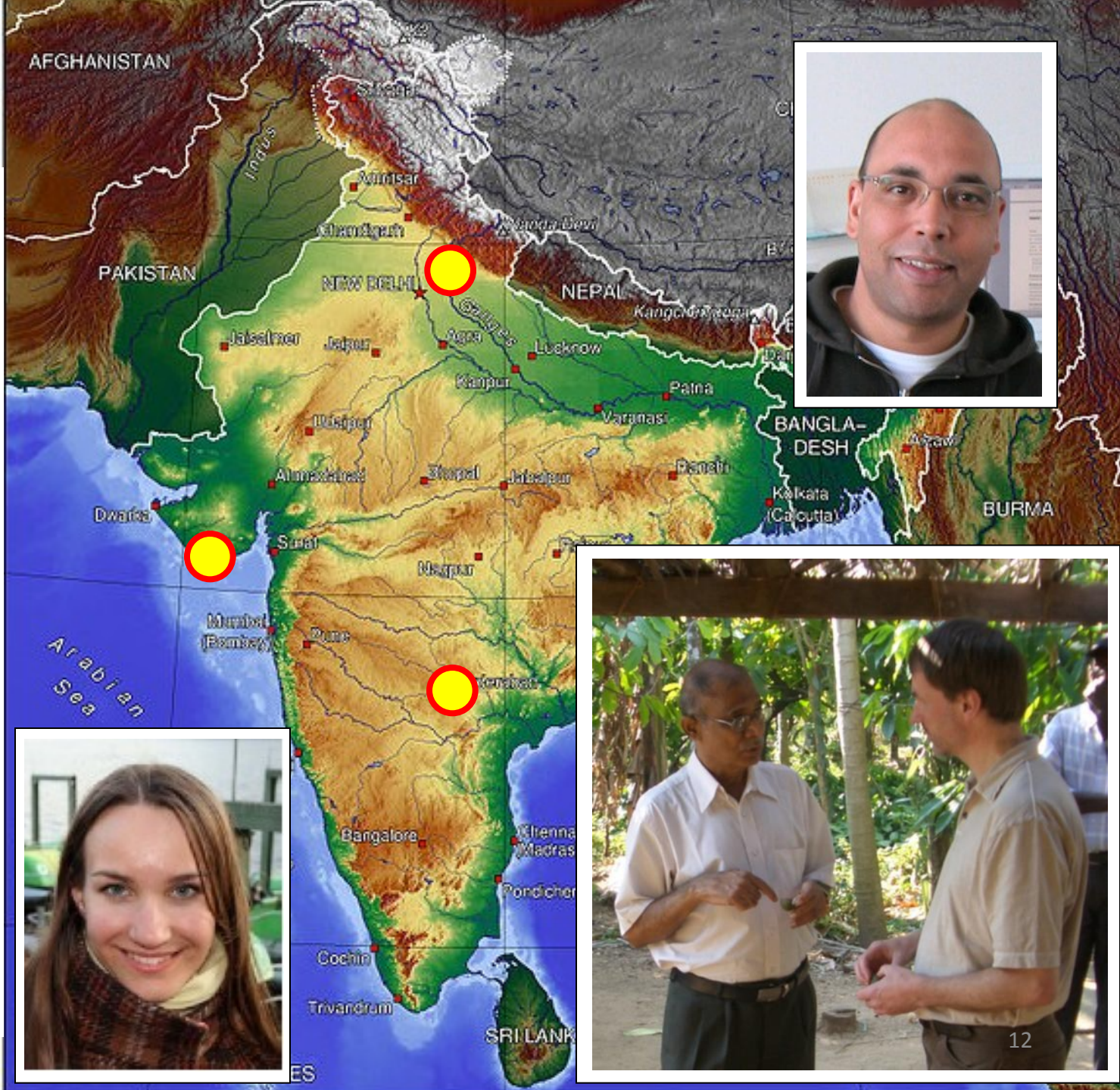
2011-15

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



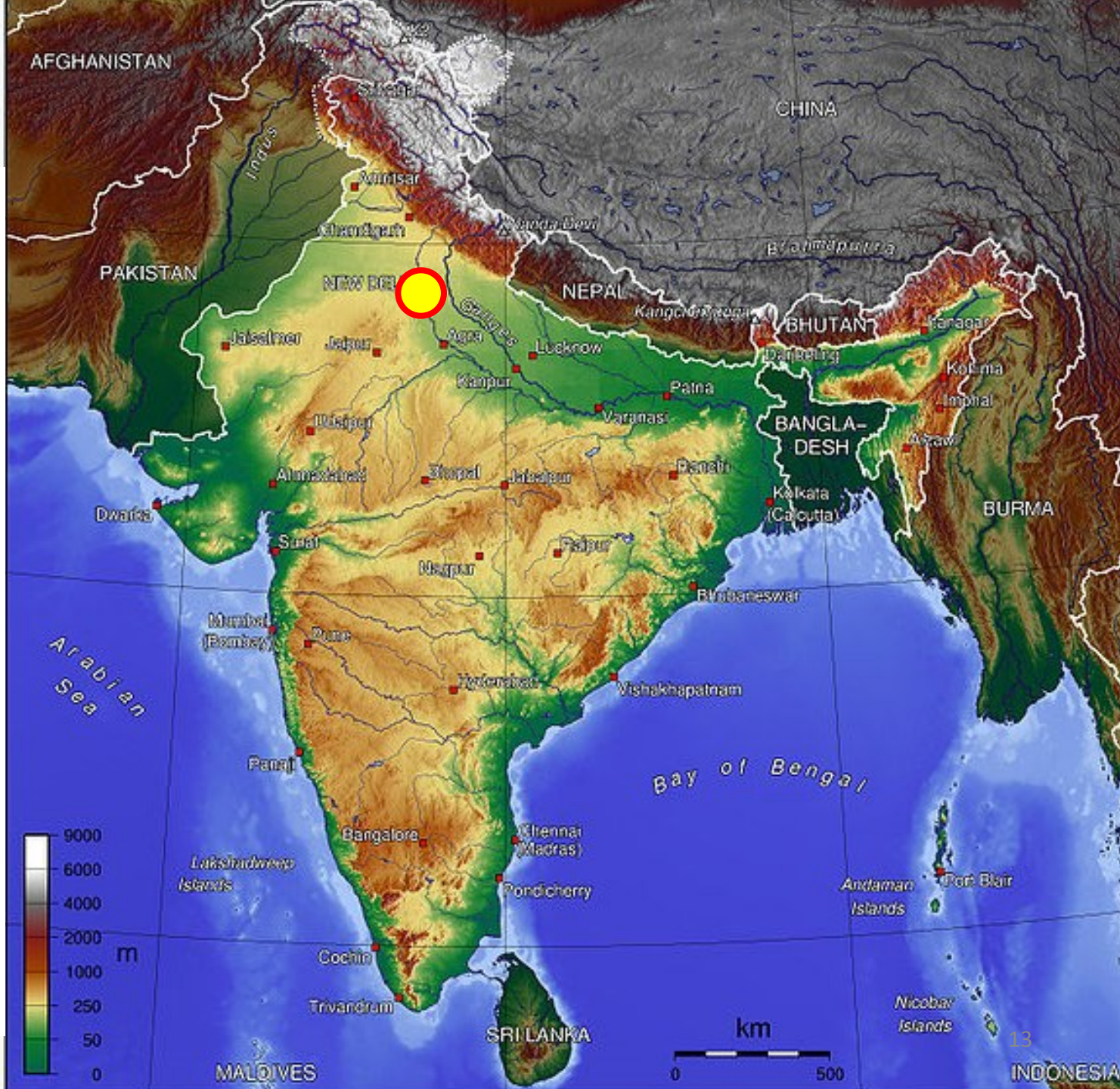
2012

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



MCGS

First Indo-German International Research Training Group in Molecular and Cellular Glyco-Sciences

Münster, Germany

Westphalian Wilhelm's University - WWU
Max Planck Institute of Molecular Biomedicine

9 Principal investigators
18 Research Scholars
1 Post Doc

1 Associated
Scientist

Glyco-Sciences

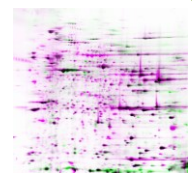
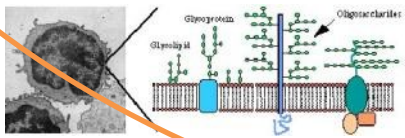
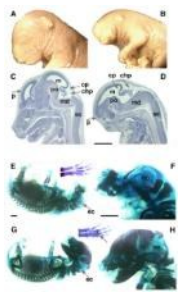
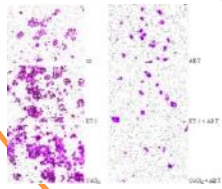
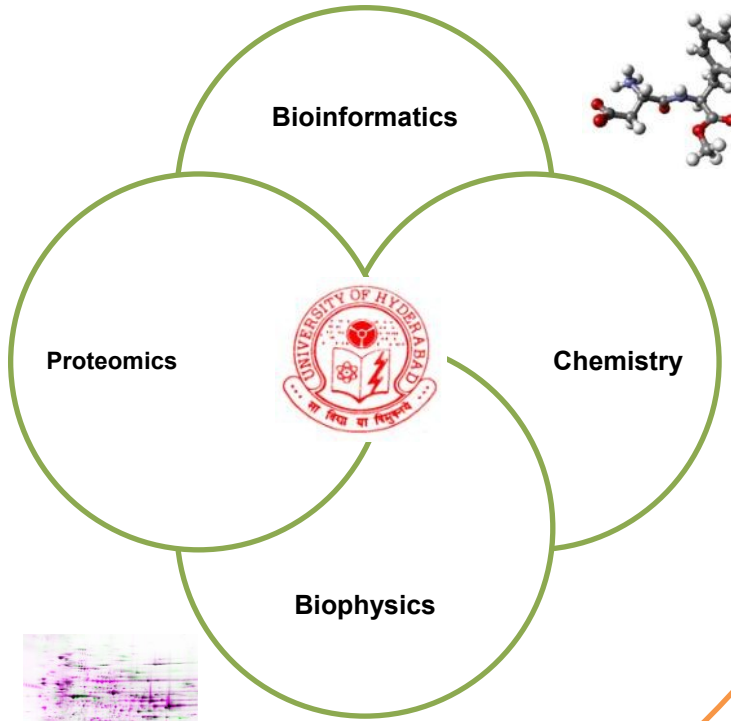
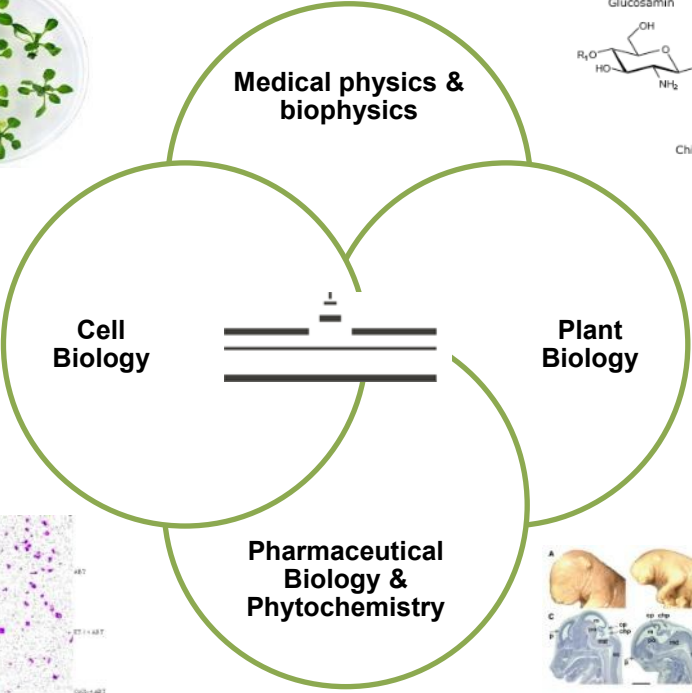
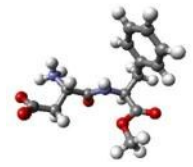
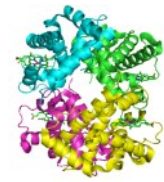
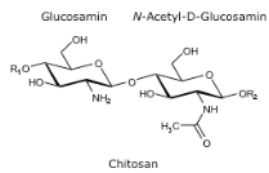
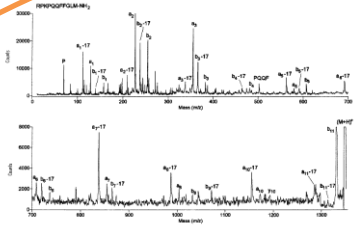
Hyderabad, India

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

9 Principal investigators
7 Research Scholars

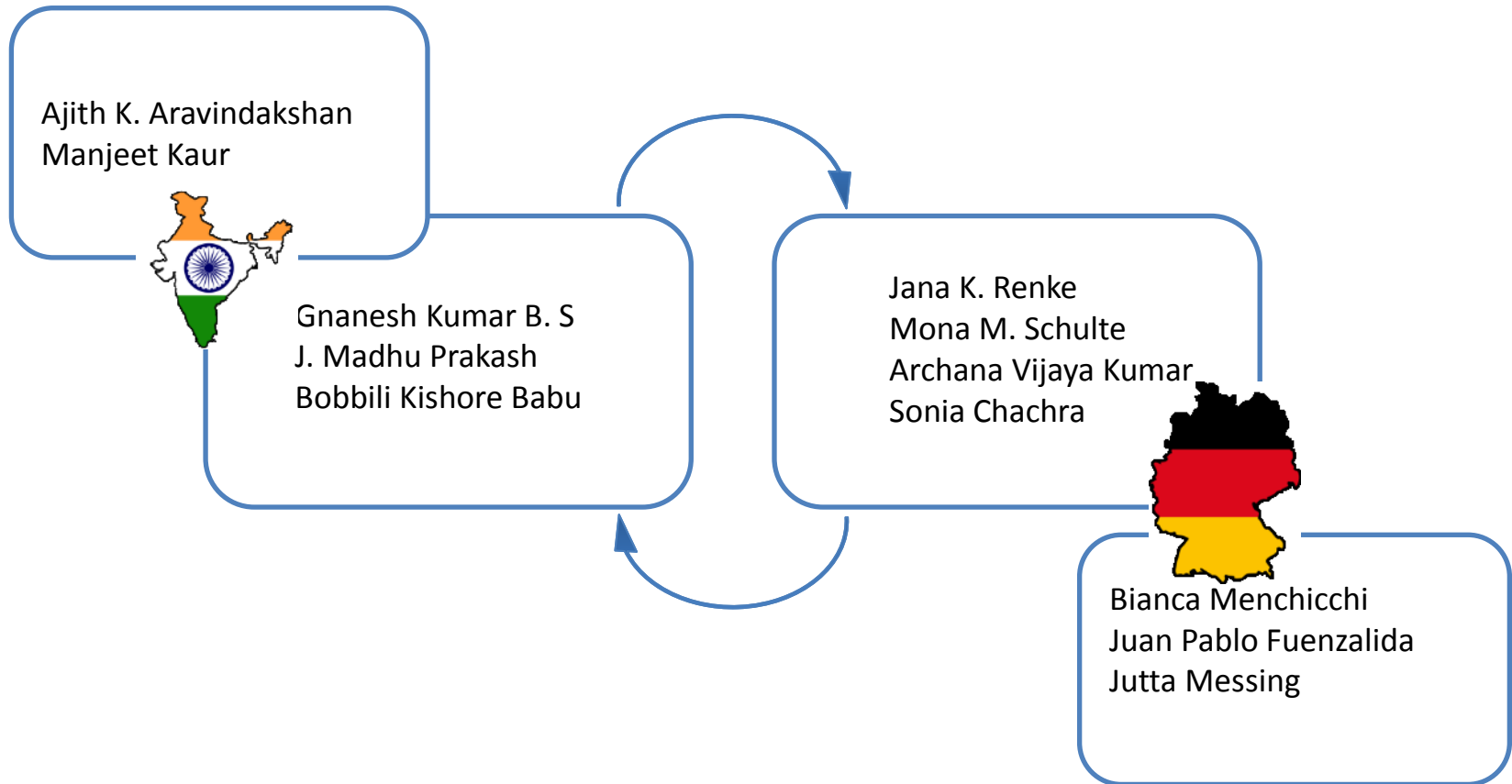
4 Associated
Scientists

Indo-German Collaboration





Student/Research Exchange



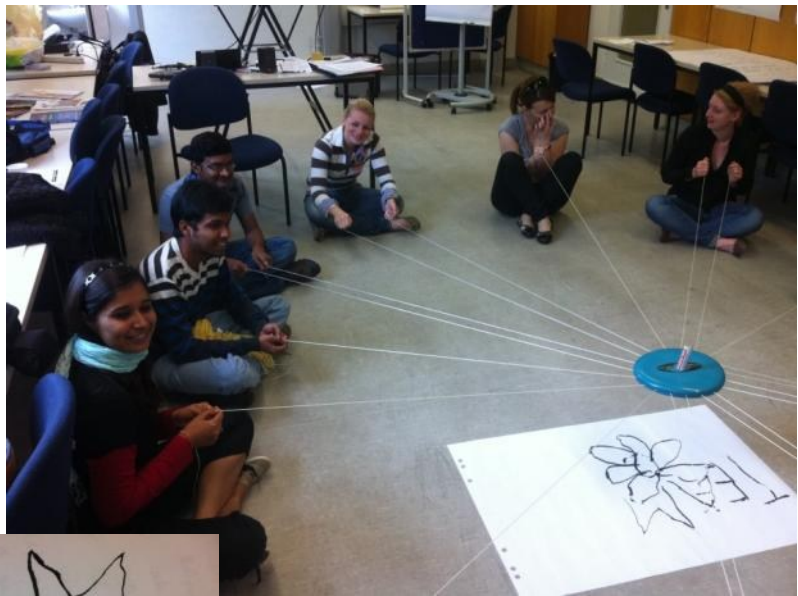
Winter School- India



Summer School- Germany



Cultural communication Workshop



LIVING INDIA

Business & Culture –
Erfolgreich in Indien durch
interkulturelle Kompetenz!

21

MCGS 1st Network Symposium



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**

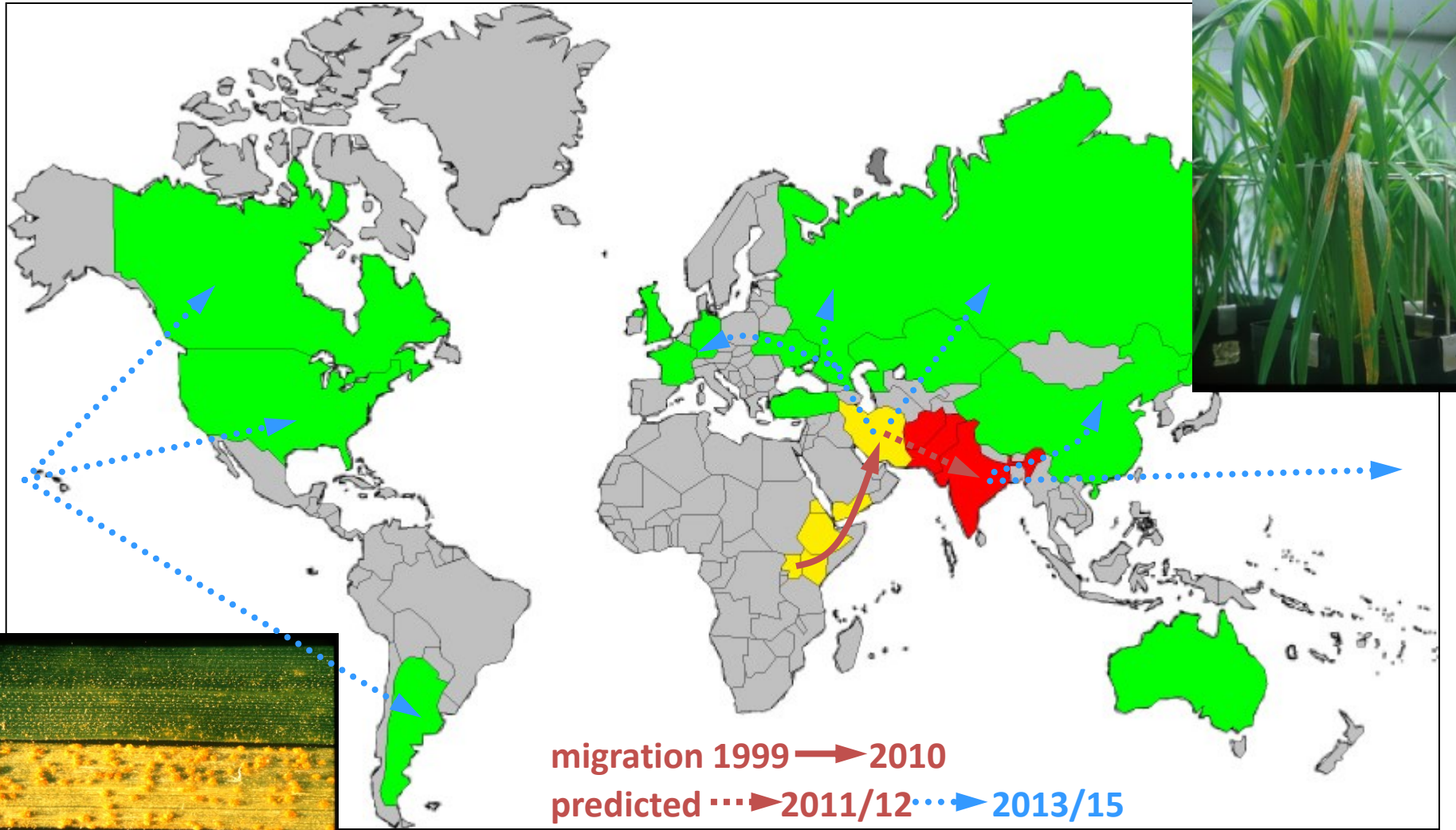


Danke Schön!



**The Language
of Sugars**

Ug99 - a global threat to wheat production ...



major wheat growing areas

Ug99 present

Ug99 imminent