

INTERNATIONAL DELEGATION TOUR to Mecklenburg-Vorpommern

Sensorlab, South Africa

Programme 03. August 2012

Neubrandenburg, Greifswald

ORGANISATOR:

Prof. Dr. Christine Wittmann
University of Applied Sciences
Department of Agriculture and Food Sciences
Mecklenburg-Vorpommern
Germany

PARTICIPANTS:

Prof. Priscilla Baker

Sensorlab
University of Western Cape,
Belleville Capetown
South Africa

Short description (Short CV) of the participant

Prof. Emmanuel Iwuoha

Sensorlab
University of Western Cape,
Belleville Capetown
South Africa

Short description (Short CV) of the participant

Prof Emmanuel Iwuoha is an Electrochemist, the founder and leader of SensorLab; as well as the Research Niche Area Leader for the “Development of Catalytic Materials” under the National Research Foundation (NRF) Institutional Capacity Development (ICD) programme (made up of 24 academics and senior scientists); Chairperson of the Steering Committee of the Centre for Nanoscience at UWC

Short description (Short CV) of the institution

SensorLab researchers for 2009 include 4 Chemistry Lecturers, 3 International Visiting Scientists, 7 Postdoctoral fellows, 17 PhD, 5 MSc students and 8 research assistants. Research activities at the SensorLab involves the designing, synthesis and analysis of

organic and inorganic electroactive 'smart' nanomaterials for the construction of energy-generating, photovoltaic and chemo- and bio-sensor electrocatalytic systems.

SITES OF DELEGATION TOUR

Date: 03.08.2012, Neubrandenburg

University of Applied Sciences

Prof. Dr. Christine Wittmann
Head of Department of Agriculture and Food Sciences

Prof. xy,
Department z

Short description of the institution/project

The Neubrandenburg University of Applied Sciences was founded in 1991 and currently has a total of 2,200 students. The university views itself as a multidisciplinary campus-based university combining various engineering sciences and social and health sciences disciplines within a clear communication framework, thus enabling students to tackle issues and problem solutions that broaden their individual scientific horizon. The main emphasis is on the following occupational focuses and areas of competence:

- Health, Nursing, Prevention and Health Care Management
- Social Work, Training and Education
- Landscape Architecture, Nature and Environment, Surveying and Geoinformatics
- Agriculture and Nutrition
- Sustainable structural changes and restructuring of rural areas

[Short description of WTZ project](#)

Date: 03.08.2012, Greifswald

Biometec GmbH

Dr. Sabine Witt
Managing Director (CEO, CSO, CFO)

Short description of the institution

Biometec GmbH - Company of biomedical technologies GmbH is a German biotech company in the BioRegio Greifswald-Rostock on the Baltic coast of north eastern Germany. The company was founded in 1992, is an outsourcing from the University of Greifswald and is centred in the BioTechnikum in Greifswald. The company is engaged in the development, production and distribution of research products for infection biology especially CD14, LBP and antibodies. In addition biometec offers a variety of laboratory and immunobiological

services for academic institutes as well as pharmaceutical and biotechnological companies. The highly motivated team consists of one scientist and two technical assistants. All staffs haven long time experience in generation of monoclonal and polyclonal antibodies, as well as in assay development, cell culture, animal studies, and immunological studies.

BioCon Valley GmbH & Biotechnikum

Dr. Heinrich Cuypers
Senior Project Manager International

Birgit Pscheidl
Project Manager LifeSciences, Eco4Life Contact Point Manager

Short description of the institution

BioCon Valley® as the central contact for life science, biotechnology and biosciences in North Eastern Germany networks the competencies of business, universities, academies, and research institutions within the scope of medicine, medical engineering and pharmacy. BioCon Valley® operates technology centers specific for life sciences (“BioIncubator”) as start-ups for young companies and initiates and supervises projects, contributing to the economic and scientific profile of Mecklenburg-Vorpommern.

Enzymicals AG

Nebane Suhngwa,
Pharmacoeconomics

Short description of the institution

The focus of Enzymicals is the development, production and utilisation of innovative biocatalysts. We cover the entire value chain from biocatalyst discovery via their optimisation by protein engineering tools to the efficient application in biocatalysis. This includes the development of economic processes as well as the production of high value building blocks and chemicals using tailor-made processes. The main focus herein is the industrial application of biocatalytic syntheses for a resource friendly chemistry.