

# **Chinese Proposals for Collaboration Possibilities submitted by Prof. Huarong Yao**

## **A. Organic Agriculture**

1. Key technology of pests and diseases control in organic farming system of vegetables, tea and fruit production.
2. Key technology of plant nutrient and soil fertility improvement in organic farming
3. Quality control and monitor system and its key technology
4. National organic agriculture development model and management system
5. Standard organic production Technology of crops
6. Keep fresh and processing technical of organic products

## **B. Genetically Engineering technology**

1. Biosafety Assessment and Management of GMO
2. Detective technical of GMO
3. Ecological Risk evaluation and protection technology
4. Effect of novel gene on the physical and ecological properties of transgenic crops
5. Effects of GMO on the structure and function of soil ecosystem

## **C. Agricultural science and technology development**

1. Development Strategies of agricultural science and technology
2. IT in agriculture
3. Development Strategies of High technology in Agriculture
4. Technology Extensions and Training
5. Rural Development Research

## **D. Food Safety**

1. Quick testing methods of antibiotics and pesticides in food system
2. Safety of acid-HVP and related food.
3. Safety of food protein by chemical modification;