Mission statement

- RIKILT watches over the quality and safety of the Dutch food supply
Position RIKILT

- Part of Wageningen University & Research Centre
  In short Wageningen UR
- RIKILT is an independent research institute *not* part of the CRO
Position RIKILT

- RIKILT performs statutory tasks for the Dutch and international government(s) in the field of food and feed safety
- RIKILT is not allowed to perform conflicting activities for industry
Partners

Dutch government: LNV, AID, VWA-RVV, VWA-KvW, VWS, EZ, OCW (> 80%)

RIKILT

Branch Organisations

Universities

Social Organisations

EU, EFSA

Other institutes

Industry

FSAs of foreign countries
Multidisciplinary

- Analytical chemistry
- Organic chemistry
- Immunochemistry
- Toxicology
- Molecular biology
- Biochemistry
- Microbiology
- Pharmacology
- Microscopy
- Histopathology
- Cell physiology
- Food production technology
- Nutrition
Activities

- Analysis
- Advises
- Research
Analysis of (including many statutory and NRL tasks)

- Contaminants
- Animal Drugs & Residues
- Pesticides
- Heavy Metals
- Micro organisms
- Food bioactives
- GMOs
- Allergens
- Isotopes
- Authenticity
- Food quality
Mainly in:

- Primary agricultural products (crops, meat, dairy products, fish, ...)
- Feed
- Food and feed additives
Advising the government

- Risk assessment
- Support in food safety crises
- National databases: contaminants, residues, food consumption
- Dossier evaluation (animal drugs, pesticides, feed additives, GMOs, fertilisers, ...)
- Evaluation of food safety in supply chains
- Participation in (inter)national scientific and normalisation committees (EU, EFSA, CODEX, WHO and many others)
- National Reference Laboratory
Research

- Method improvement and validation
- Method development
- Increasing sensitivity and quantity
- Introducing new technology
- Carry-over studies and toxicogenomics
- Improved risk assessment methods
- Risk benefits studies for novel foods
- Nutrigenomics and toxicogenomics
Food safety issues are of global dimensions

RIKILT very active in international projects
RIKILT in EU FP5

- involved in 18 RTD projects of which several were coordinated by RIKILT

Examples
- **ENTRANSFOOD**: An European network on Safety Assessment of GM Food Crops
- **DIFFERENCE**: Dioxins in Food and Feed – Reference Methods and New Certified Reference Materials
- **CANFAS**: Validation of methods for prohibited and permitted animal feed additives by means of EU ring tests
- **MONTECARLO**: Development, validation and application of stochastic modelling of human exposure to food chemicals and nutrients
RIKILT in EU FP6  Area 5 Food Quality and Safety (call 1)

As coordinator
1. SAFE FOODS (IP): Promoting Food Safety through a new Integrated Risk Analysis Approach for Foods
2. SELAMAT (SSA): Safety enhancement of Edible products, Legislation, Analysis and Management, with ASEAN countries, by mutual Training & research.

As workpackage leader and/or core member
1. NUGO (NoE): European Nutrigenomics organization
3. Ace-Art (STREP): Assessment and critical evaluation of antibiotic resistance transferability in food chain
4. NOFORISK (STREP): Quantitative risk assessment strategies for novel foods
RIKILT in EU FP6 (continued)

- Involved in 6 RTD projects in call 2 of EU 6 FP among which:
  - IP BIOCOP: new technologies to screen multiple chemical contaminants in foods (RIKILT core member)
  - NoE TRACE: Traceability methods and systems aimed at consumer confidence (RIKILT core member)
Strategic alliances of RIKILT

- RIVM and CIDC (as ‘house institutes’ of VWA)
- Partner institutes within Wageningen UR
- CSL (York, UK)
- JRC/IRMM (Geel, Belgium)
- European Food Safety Network (EFSN)
- European Network of GMO Laboratories (ENGL)
- FQH (Food Quality & Health, organic sector)
- EU networks
- Several Chinese Universities
- Selamat partners

Most RIKILT research groups have specific international alliances on their topics
Website: www.rikilt.wur.nl
Thank you for your attention