

MoniQA Association started as
an EU-funded Network of Excellence



Monitoring and **MoniQA** Quality Assurance

Monitoring and Quality Assurance in the Food Supply Chain

“Working for safer foods by harmonising worldwide food quality and safety monitoring and control strategies.”

Contract N0. FOOD-CT-2006-36337
Duration: 2007-2012; Grant: 12.3 Mio €

MoniQA

www.moniqa.org



SIXTH FRAMEWORK PROGRAMME



MoniQA

Network of Excellence



Coordinated by **Roland E. Poms**, ICC, Vienna
33 *member institutions* from 20 countries / 4 continents
155 *researchers* including 40 doctoral students

Aims...

- ...to strengthen scientific and technical excellence
- ...to overcome fragmentation in European Research
- ...to achieve *durable integration* and a *sustainable network*
- ...to become a *provider of services and tools* to government authorities and industry alike



www.moniqua.org



MoniQA Association

MoniQA Global Food Safety Network

...providing expertise and services for effective food safety management..

...for food manufacturers, food retailers, international trade, food analytical laboratories, food control and regulatory bodies

- Non profit-distributing association
- Established in July 2011
- Membership based
- Secretariat at ICC HQ in Vienna, Austria

MoniQA Association

MoniQA Global Food Safety Network

- Secretariat: Marxergasse 2, A-1030 Vienna, Austria
- Supervisory Board:
 - Richard Cantrill, AOCS, USA (President)
 - Paul Finglas, IFR/EuroFIR, UK/Belgium (Vice President)
 - Marina Carcea, ICC/INRAN, Austria/Italy
 - Wolfgang Kneifel, BOKU, Austria
 - Hamit Köksel, HCTP, Turkey
- Co-opted Board Members:
 - Hans van Egmond (NL), Xiaofang Pei (China), Angelo Visconti (Italy)
- Secretary General: Roland Poms, Imprint Analytics, Austria

Mission Statement

MoniQA – International Association for Monitoring and Quality Assurance in the Total Food Supply Chain is an international and interdisciplinary network of professionals from institutions working in food research, regulatory bodies and trade, providing solutions to promote a safer and secure food supply worldwide. MoniQA facilitates international research collaborations to enable services and products for food safety & quality assurance. MoniQA contributes to the development and validation of analytical methods, provides training and continuous professional development (CPD), consultancy and socio-economic impact assessment.

MoniQA Global Food Safety Network

Who are we?

- International pool of experts with multidisciplinary expertise
- Currently some 40 member institutions from around the globe:
50% from the original MoniQA NoE, 50% joined recently
- Members are representing regulatory bodies, standardisation organisations, trade and industry associations, import/export agencies, method providers, food industry, universities and research centres, and media and **NEW:** SMEs and micro companies
- Membership is open to all interested institutions in all countries

What do we provide?

- Privileged information (e.g. pre-published call texts)
- Online tools and databases (e.g. impact assessment, risk assessment/management)
- Facilitating guidelines, protocols, links, and scientific publications
- Participation in Technical Committees (ISO, CEN, Codex, etc.)
- Training workshops, webinars, and educational courses
- Scientific conferences and a platform for networking and cooperation
- Facilitate participation in International Collaborative Research Projects
- Fund raising and project management services
- Reference Materials and validation studies (e.g. food allergens, mycotoxins)

Membership Update

Status 2015-12:

52 member institutions from over 20 countries from Europe, North and South Americas, Asia, Africa and Australia/New Zealand

Categories:

- 1) Institutional Membership (1000.- €/year)
- 2) Micro-companies (500.- €/year)
- 3) Joint MoniQA-EuroFIR micro-companies (800.- €/year)

Membership Update

2015: End of 3 year special offer to Founder Members

2015: Proposed is a change in statutes necessary to equalize the rights and eligibilities to positions on the SB of the association between founder and ordinary members.

2015: Equal weighting of votes in the General Assembly between Founder and Ordinary Members

Membership Development 2011-2015

July 2011:	<u>26</u> Founder Members from MoniQA NoE
December 2011:	plus Ordinary Members <u>39</u> Members (total)
December 2012:	<u>48</u> Members
December 2013:	<u>50</u> Members Institutions (Founder: Ordinary Members = 52:48 %)
December 2014:	<u>50</u> Member Institutions (Founder: Ordinary Members = 30:70 %)

Priority Membership Services?

New Ideas?

Additional Products?

FOOD AND HEALTH – RISKS AND BENEFITS

INNOVATIVE TECHNOLOGIES FOR FOOD QUALITY AND SAFETY MANAGEMENT

6th MoniQA International Conference 2017
Where? Austria? Germany? Turkey?

5TH MONIQA INTERNATIONAL CONFERENCE 2015
16-18 SEPTEMBER 2015, PORTO, PORTUGAL



5th MoniQA International Conference

Porto, Portugal, 16-18 September 2015

Food & Health – Risks & Benefits

- Thanks to the MoniQA Global Food Safety Network and invited experts from around the globe who produced an exciting programme for this Conference
- Over 50 oral presentations in 10 sessions, more than 50 posters
- Some 100 registered participants from 25 countries

Activity Report 2014/2015 (1)

1. Workshops and Training Courses:

2 Vienna (AT), Budapest (H), Bangkok (TH), Plovdiv (BG), 4 Brisbane-Sydney-Melbourne-Perth (Australia), Darmstadt (DE)

2. Continuation of MoniQA Webinars

7 online webinars produced by NoE, hosted by BOKU and more recently added: multi-mycotoxin analysis (CNR and Thermo Fisher), method validation and reference materials (ICC and BOKU), measurement uncertainty (IAM and MoniQA: AOCS, NMKL)

Activity Report 2014/2015 (2)

3. QAS:

New Publisher: Wageningen Academic Publishing

Free online access for members (100.-)

Free: Open access of all articles 2009-2012

Free: Open access of special issue 6:1 (2013)

Restructuring Editorial Board, Associate Editors

Restructuring Editorial Office

Increasing impact factor: 0.444 (2010), 0.646 (2011), 0.729 (2012), 0.85 (2013), 0.94 (2014)---- above 1.2 (2015)

4. New EC project proposals and facilitating inclusion of members in research project consortia

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Activity Report 2014/2015 (3)

5. Guidelines and protocols

- EC-DG SANCO Guideline on validation of screening methods for mycotoxins (led by IRMM) published in 2014
- IUPAC and AOAC Protocol for the validation of qualitative analytical methods (led by IRMM) – work continued for validation models of lateral flow devices

6. Facilitation and consultancy

- E.g. Hans van Egmond and Frans Verstraete recommended to FAO to consult on Alfatoxin management in Serbia
- Establishment of a WG and activities towards the production of allergen reference materials.

Activity Report 2014/2015 (4)

7. New project proposals and facilitating inclusion of members in research project consortia
European Commission KBBE

Proposal Facilitation 2014/2015

Call	Funding Scheme	MoniQA Role	MoniQA Partners
Proteins of the future: SFS-15-2014	CP-IP	Third Party	2
Authentication of olive oil: SFS-14a-2014	CP-IP	Partner/ Facilitator	6
Authentication of food products: SFS-14b-2015	CP-IP	Facilitator	?
Biological contamination of crops and the food chain: SFS-13-2015	CP-IP	Partner/ Facilitator	10
Assessing the health risks of combined human exposure to multiple food-related toxic substances: SFS-12-2014	CP-IP	Facilitator	6
COST Action on Food Allergen Risk Management	COST	Partner	10
COST Action on Health Benefits of Whole Grain	COST	Via ICC	6

Running Projects

Call	Funding Scheme	MoniQA Role	MoniQA Partners
iFAAM“ (2013-2017) Integrated Approaches to Food Allergen and Allergy Risk Management	CP-IP	Partner	5
PlantLibra (FP7, 2012-2014) Connect4Action (FP7, 2012-2014) ISEKI Food 4 (FP7, 2011-2014) MycoSpec (FP7, 2013-2015) MyNewGut (FP7, 2013-2018)		MoniQA indirectly involved via ICC (until 2014/15)	10

MoniQA Working Group

Food Allergen Reference Materials

Coordinator: Roland Poms (MoniQA, Austria)

WG Committee: Jupiter Yeung (**Nestle**, USA), Terry Koerner (**Health Canada**, Canada), Thomas Holzhauser (**Paul Ehrlich Institute**, Germany), Peter Koehler (**Prolamin WG**, Germany), Sigrid Haas-Lauterbach (**R-Biopharm**, Germany), Bert Popping (**AOAC**, USA), Joe Baumert (**FARRP**, USA), Robin Sherlock (**FACTA/Allergen Bureau**, Australia), Franz Ulberth (**European Commission, IRMM**, Belgium), Eric Garber (**FDA**, USA)...hosted by Kurt Johnson (**Trilogy Laboratories**, USA).

Contributors and stakeholders: Research institutes, test kit providers, method developers, food businesses, policy support, a.o.

Priority Allergen Testing Materials

- Basic materials (minimally processed), sufficiently characterised, as basis to produce incurred materials and extracts at different concentrations, model foods (e.g. rice cookie)
- Gluten/Gliadin, basic materials: flours of wheat, rye, barley, oat, rice
- Milk: dried skim milk powder
- Egg: dried full egg powder, dried egg white powder
- Hazelnut: flour
- Peanut: defatted peanut flour

Activity Report 2014/2015 (5)

8. MoniQA Scientific Sessions, Talks, Posters, Exhibits at Conferences:

17 January 2014	Info day 2014 Horizon 2020, Brussels, Belgium
4-7 February 2014	MoniQA FST “Alternative Methods for Microbiological Analysis of Foods and Feeds”, Plovdiv, Bulgaria
13 February 2014	The Economist’s “Feeding the World 2014”, The Hac, London, UK
24-26 February 2014	3rd iFAAM Consortium Meeting, Vienna, Austria
27 February 2014	MoniQA Allergen Reference Materials Meeting, Vienna, Austria
2 March 2014	6 th Joint MoniQA/IAM Workshop for Codex Alimentarius (CCMAS) “Sampling Uncertainty”, Budapest, Hungary
31 March-2 April 2014	RME2014 – 9 th Conference ‘Rapid Methods Europe’, Noordwijkerhout, the Netherlands
2 April 2014	MoniQA Session & General Assembly, Noordwijkerhout, the Netherlands
24-25 April 2014	Bioactive Compounds in Cereal Grains and Foods ICC International Symposium, Vienna, Austria
5-8 May 2014	8 th Food Allergen International Symposium, Vancouver, Canada

Activity Report 2014/2015 (6)

8. MoniQA Scientific Sessions, Talks, Posters, Exhibits at Conferences:

12-14 May 2014	Final International PlantLibra Conference, Vienna, Austria
21-23 May 2014	3 rd International ISEKI Food Conference, Athens, Greece
1-3 June 2014	ICC Whole Grain Symposium, Wuhan, China
7-10 September 2014	128 th AOAC International Annual Meeting & Exposition, Boca Raton, FL, USA
25-27 September 2014	28 th Meeting of Working Group on Prolamin Analysis and Toxicity, Nantes, France
5-8 October 2014	AACC International Annual Meeting, Providence, RI, USA
8 October 2014	ICC Luncheon at AACC International Annual Meeting, Providence, RI, USA
10-12 November 2014	iFAAM Consortium Meeting, Zagreb, Croatia
25-27 November 2014	ICC International Rice Conference, Pingtung, Taiwan
10-12 November 2014	8 th World Mycotoxin Forum, Vienna, Austria

Activity Report 2014/2015 (7)

8. MoniQA Scientific Sessions, Talks, Posters, Exhibits at Conferences:

December 2014	Food Security World Expo Advisory Board Meeting, December 2014
February 2015	Codex Alimentarius, Budapest, Hungary
March 2015	Reference Materials and Method Validation, Workshop and University Course at BOKU, Vienna, Austria
March 2015	iFAAM Consortium Meeting, Brussels, Belgium
April 2015	Cereals and Europe, Budapest, Hungary
May 2015	IFAMS, Sydney, Australia
July 2015	Feed the World, World Expo, Milan, Italy
July 2015	DIN Food Allergen Analytical Methods Validation Working Group, Berlin, Germany
September 2015	5 th MoniQA International Conference, Porto, Portugal
September 2015	AOAC Annual Meeting, Los Angeles, CA, USA
October 2015	iFAAM Consortium Meeting, Berlin, Germany
October 2015	PWG Meeting, Tulln, Austria
October 2015	AACCI Centennial Meeting, Minneapolis, MN, USA
November 2015	6 th Fresenius Food Allergen Conference, Frankfurt, Germany

Activity Report 2014/2015 (8)

9. Publications

Special issue in QAS “Food chemistry and safety” (October 2014)

Special issue in WMJ 2014-08: Rapid Methods for Mycotoxin Analysis

Inter-laboratory validation of incurred milk allergen reference materials

Reference materials for food allergen analysis

Review of Methods for Gluten Analysis (Cereal Chemistry 2015)

Activity Report 2014/2015 (9)

10. Reference Materials

- Allergen Materials provided by MoniQA NoE, produced in collaboration with by Trilogy, TU Munich, BOKU, BME, HC, others
- Validated testing materials produced in other EC projects

11. New protocols and guidelines in preparation

- ISO Protocol for the validation of qualitative analytical methods (led by IAM and MoniQA)
- Guideline for the requirements and production of allergen reference materials (led by MoniQA)

12. Validation studies/proficiency tests

- PT and validation of a multi-mycotoxin reference material based on wheat flour and maize flour contaminated with all major mycotoxins (under regulation in EU) in collaboration with ISPA and others

4th MoniQA General Assembly

Porto, Portugal

18 September 2015

5th MoniQA General Assembly

2017

Thank you for your collaboration in 2015!

Not involved yet? Get involved now!

Prof. hc. Dr. Roland Ernest Poms

Secretary General

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