

## ACRYLAMIDE - EU Summary of Activities

## STUDY AREA 7 - BIOMARKERS

NEW/UPDATE since January 2005

Entry No.	STUDY TITLE	SOURCE (Member State/ Organisation)	STATUS C (completed) O (ongoing) P (proposed)	COMPLETION DATE (anticipated date if not yet completed)	SUMMARY OF AIMS OF STUDY Max 50 words	SUMMARY OF MAIN CONCLUSIONS Max 50 words	COMMENTS	REFERENCES/ INTERNET LINKS	CONTACTS
7.1	Biomarkers of dose and effect	Denmark / Danish Veterinary and Food Administration	O	July 2005	Evaluate the best cancer risk from exposure to AA by analyses of blood samples from a biobank for AA and GA valine adducts.				Mr. Henrik Frandsen, E-mail hf@fdir.dk Phone +45 33 95 65 97, Institute of Food Safety and Nutrition
7.2	Toxicology of acrylamide: concentration – effect-relationship of acrylamide and glycidamide in human blood (pre Project"Acrylamide")	Germany / Bund für Lebensmittelrecht und Lebensmittelkunde e.V. (BLL)	C	May 2003	Development of a method for detection of hemoglobin-acrylamide-adducts in human blood cells	A method for detection of hemoglobin-acrylamide-adducts in human blood cells was established		<a href="http://www.bll-online.de">http://www.bll-online.de</a>	<a href="mailto:igelbert@bll-online.de">igelbert@bll-online.de</a> <a href="mailto:eisenbra@rhrk.uni-kl.de">eisenbra@rhrk.uni-kl.de</a>
7.3	Developing techniques to measure globin adducts in humans (see also study area 9)	Ireland / Queen's University, Belfast, Northern Ireland	O	2004?	To develop new methods of analysis for acrylamide in blood, using immunoassay techniques	Project is in initial stage of development although research has been previously involved with Swedish researchers on analysis of acrylamide	Project funded by the Food Safety Promotion Board of Ireland (FSPB) under the North:South Agreement and is one of a number of initiatives on food safety at the level of the whole island of Ireland. NOTE: also included under study area 9.	?	Dr Chris Elliott, Queen's University, Belfast Dr Thomas Quigley, FSPB

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7.4	Subproject of bioavailability study (see also study area 5)	The Netherlands	P		A study on biomarkers might be incorporated in the bioavailability study, depending on the present literature (Phase I of bioavailability study; see also study area 5).				Dr. E. Konings. Dutch Food Authority, Inspectorate for Health Protection, Den Bosch, The Netherlands. E-mail: Erik.Konings@kvw.nl, Phone: +31402911500, Fax: +31402911600