

## Questions for Acrylamide Workshop

### **General Questions:**

1. What has been accomplished so far (since October 2002 Workshop)?
2. What gaps remain?
3. What are the uncertainties?
4. Are we covering all the territory, i.e. are there effective bridging between areas as represented by the subject matter for each of the Working Groups?
5. What research is still needed?

### **Questions from Working Groups**

1. WG # 1 – Mechanisms of Formation and Methods of Mitigation
  - What is a realistic reduction?
  - Does this reduction significantly reduce the exposure to acrylamide from food?
  - What is a realistic date(s) to achieve the target?
2. WG # 2 – Analytical Methods of Detection
  - What conclusions can be drawn about the general capability of laboratories to analyze foods for acrylamide?
  - What conclusions can be drawn about the status and performance of analytical methods for acrylamide in foods?
  - What proficiency testing programs and other programs are available to assist laboratories with this analysis?
  - Are there any methodology issues that have been identified as being critical for the development of “good” analytical results.
  - What are the remaining needs for analytical methodology?
3. WG # 3 – Exposure and Biomarkers
  - What has been accomplished since the last meeting in terms of research and information sharing?
    - Bioavailability research
    - FAO/WHO Acrylamide in Food Network
    - FDA research
    - Consumption research (including NHANES)
  - What researched is being conducted or planned?
  - What information is still needed?
  - Rank the research areas/projects identified in order of priority for accomplishment.

- Accomplishment of the research:
  - Who has the capability of doing/accomplishing the identified research?
  - What type of cooperation/collaboration is warranted to undertake/accomplish the research?
  - What are the potential mechanisms/means for accomplishing the research?

#### 4. WG # 4 – Toxicology and Metabolic Consequences

- For each research need identified in October 2002 –
  - Has it been addressed? Has the question been answered satisfactorily?
  - If not, is it still considered (by this Workgroup) to be a critical question/research need for assessing human risk from exposure to acrylamide in foods? What specific studies are recommended?
  - To our knowledge, are such studies in progress or planned? By whom? Schedule?
- Are there toxicology questions/research needs **not** identified in the October 2002 Workshop Report that are now considered to be critical to the assessment of human risk from exposure to acrylamide in foods? If so -
  - What are they? Why are they critical research needs? What specific studies are recommended?
  - To our knowledge, are such studies in progress or planned? By whom? Schedule?

#### 5. WG # 5 – Risk Communication

- Does the current state of science on acrylamide in food require any new focus on public communication?
- Which new findings presented at the workshop are of potential interest to the lay public?
- Do any findings present unique challenges for public communication?
- Does a risk communication analysis indicate any adjustment to public communication needs?
- Is additional consumer attitude research necessary to gauge public awareness or concern about acrylamide in food? Of the remaining research needs, which are the highest priority?

#### 6. WG # 6 – Risk Characterization

- What are the conclusions existing risk assessments/characterizations? What are the similarities differences? What are the sources of disagreement?
- What are the key outstanding issues in terms of exposure, toxicology, dose-response?
- What are the key data/assumptions? Which need to be addressed? Which are being addressed?

- How is research being discussed addressing identified sources of disagreement identified from other assessments?
- Is additional research or additional analysis necessary to make useful characterization of risk for decision makers?