**Motivation**

- **Food-based dietary guidelines** (FBGDs) are simple advices on healthy eating, aimed at the general public.
- **Dietary Reference Intakes** (DRIs) are values that are quantitative estimates of nutrient intakes used for planning and assessing the diets for healthy people.
- **Food-composition studies** are carried out to determine the chemical nature of components in food that affect human health.
- Complete mapping of the human-genome sequence has introduced a possibility of **personalized dietary recommendations** (PDRs) based on the individual’s genetic profile.
- As today the amount of information presented as unstructured text is massive and quickly increasing, computer-based tools for systematic knowledge identification, extraction and exploration are required to support human experts in decision-making about appropriate nutritional care.

**Problem definition**

- Grammar and dictionary based named-Entity Linking is used to help people to follow new knowledge about healthy diet.
- “People of any age who are Afro Americans should further reduce sodium intake to 300 mg per day.”
- Entities: Food, Component, Quantity/Unit, Action, Group

**Named-Entity Linking**

**Results**

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