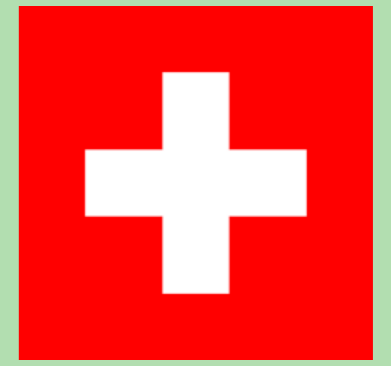


📍 Massy, bureau C032

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Début du projet : Mai 2019

À PROPOS DE MOI

- Nurse, Flight attendant
- BSc in Food Sciences
(University of applied Sciences Bern, Suisse)
- MSc in Food, Nutrition & Health (Christian Albrechts University Kiel, Allemagne; University of applied Sciences Bern, Suisse; CARE international Myanmar, Myanmar)
- Internship at Nestlé research (Suisse)
- Product development at Hochdorf (Suisse)



Équipe IHAC

Interactions Homme – Aliment pour la Conception

Superviseurs : SAINT-EVE Anne, DELARUE Julien, BOSCH Véronique, SOUCHON Isabelle

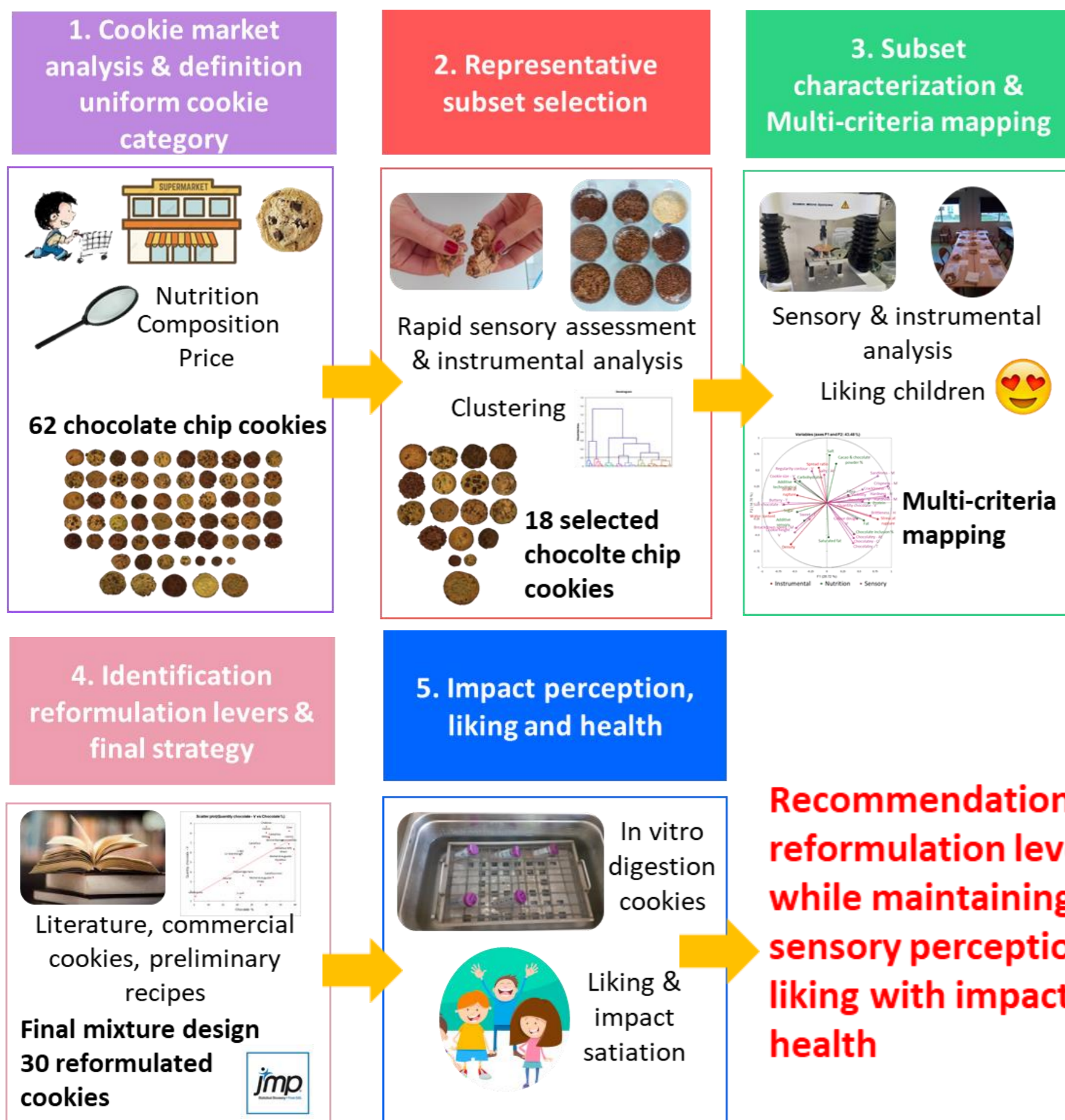
Mots-clés

Food reformulation, Cookies, Multiple criteria, Eating behaviour children, Health

Centres d'intérêt : Cooking, swimming, hiking

Development of a multi-criteria reformulation strategy targeting on children 7-12 years old: A case study on cookies

Graphical abstract



Objectifs

1. Development of a multi-criteria reformulation strategy to make a healthier product targeting on children (7-12 years old) while maintaining sensory properties and liking
2. Evaluation the impact on in vitro digestion and childrens' behaviour

Techniques utilisées

- Quantitative Descriptive Analysis (QDA)
- Free sorting task
- Liking study among children
- Instrumental analysis (texture, density, water content, water holding capacity, microscopy, viscosity)
- Pilot hall (plateau frece)
- In vitro digestion
- Approaches such as multi-criteria mapping, outlier approach
- Statistical analyses

Financiers & Collaborateurs