

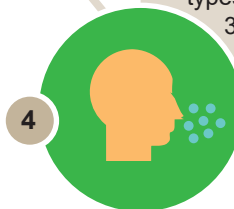
Chemical classification

1. Chemical structure
2. Children's product source
8 broad categories
19 sub-categories
3. Chemical origin



Odor information

1. List of 102 odor types for fragrance chemicals
2. Classification of 102 odor types into 24 odor classes
3. Compilation of odor receptors using OdorDB



**FCCP: A repository of Fragrance
Chemicals in Children's Products**

Data compilation

List of 153 fragrance chemicals detected experimentally in children's products from 21 published studies



Literature mining

PubMed query search resulted in 306 research articles likely to report fragrance chemicals used in children's products



Data analysis

1. Comparison with 21 chemical lists reflecting regulations or guidelines
2. Chemical similarity network analysis
3. Target gene identification
4. Identification of skin sensitizers using ToxCast assays