



Food & Bio Cluster Denmark

Conference on

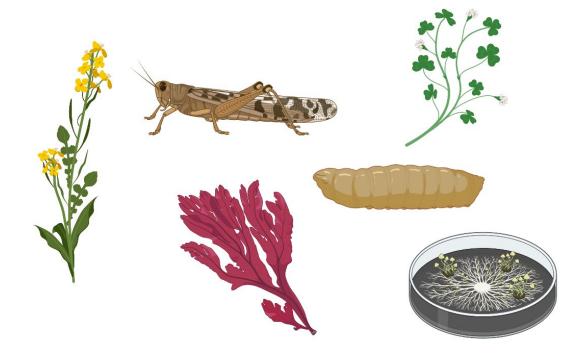
Healthy, Safe and Sustainable Foods of the Future



Can we avoid fuelling the increase in food allergy by introducing new foods?

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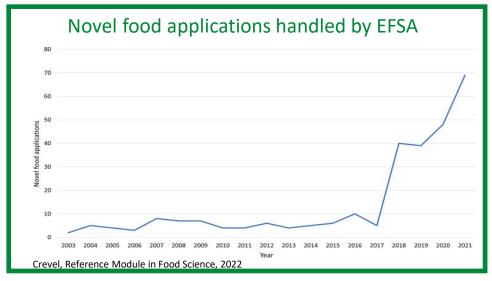


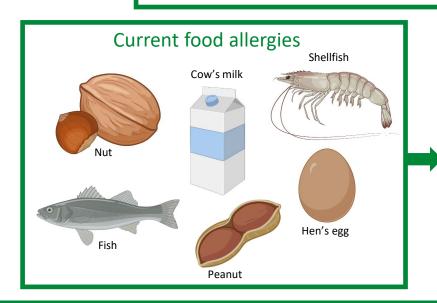
Figures created with BioRender.com

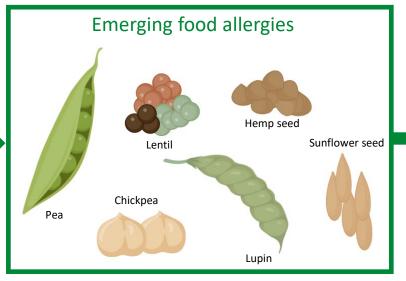


New foods introduced to the market

Novel food guidelines **GUIDANCE** doi:10.2903/j.efsa.2021.6555 Guidance on the preparation and submission of an application for authorisation of a novel food in the context of Regulation (EU) 2015/22831 (Revision 1)2 1.10. Allergenicity Food allergens are mostly proteins. Hence, the allergenic potential of a novel food containing no protein (or peptides) is very low. An accurate description of the methods used for the analysis of the protein content in the novel food (including the limits of detection and quantification) and the results from those analyses should be provided in Section 1.3. The default assumption for novel foods containing proteins is that they have allergenic potential. The allergenic potential of the novel food should be explored by considering its composition, particularly its protein(s), its source (including taxonomic relationships), the production process, and available experimental and human data, including information on cross-reactivity. This comprises a comprehensive literature review in order to retrieve available information on sensitisation, case reports of allergic reactions, and/or allergenicity studies (in vitro, in animals, in humans) of the novel food and/or





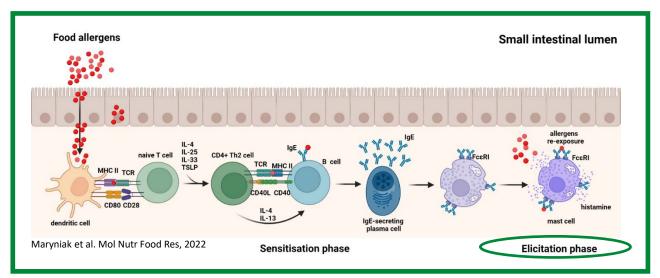


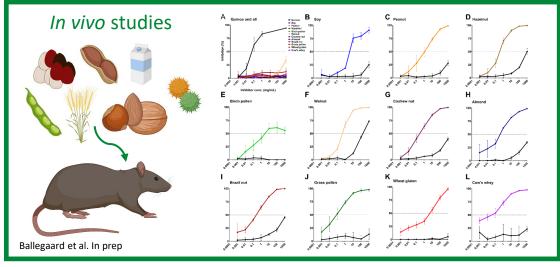


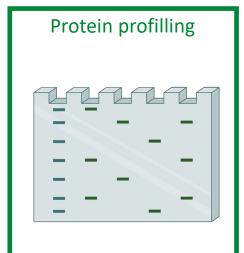
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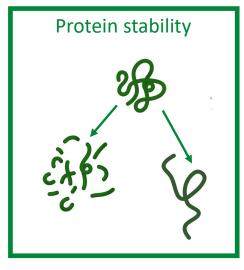


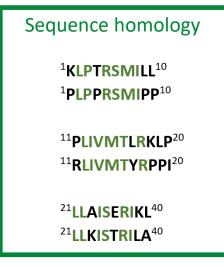
De novo sensitisation vs. cross-reactivity



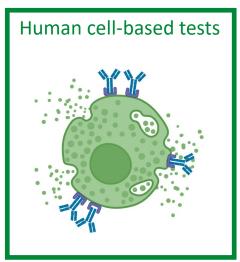






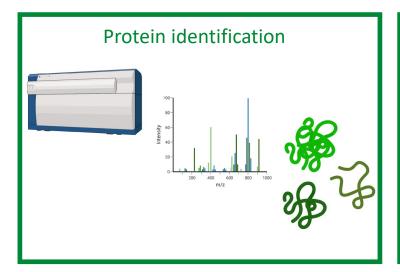


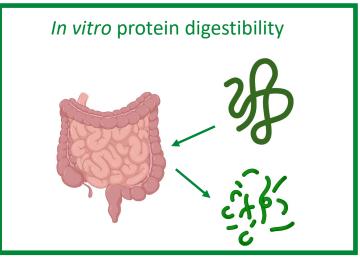


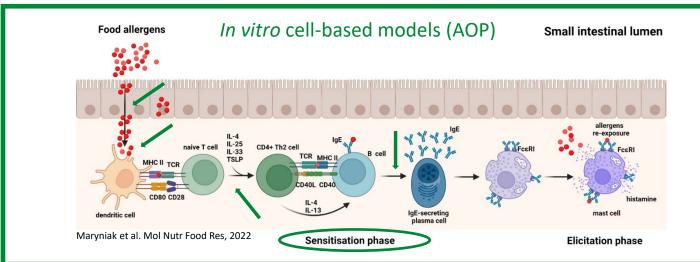


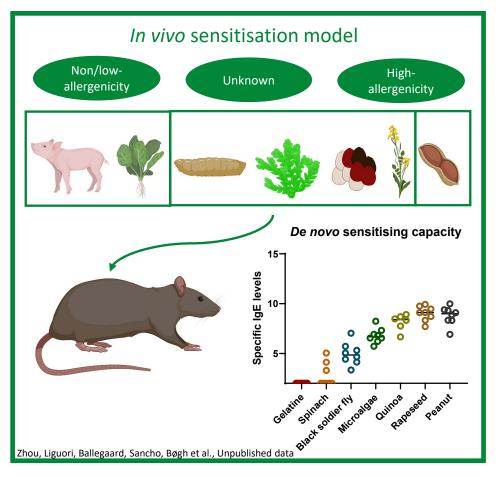


De novo sensitisation vs. cross-reactivity









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