

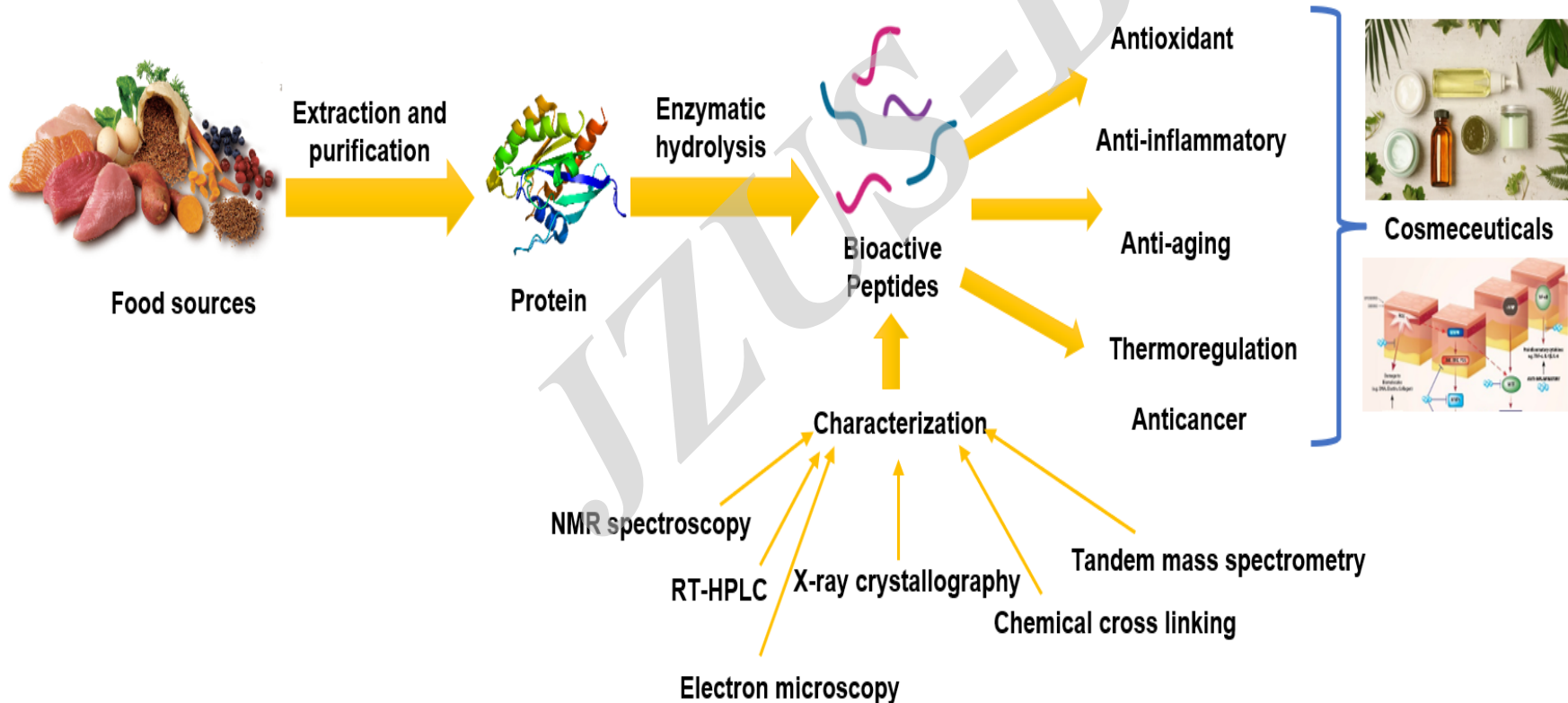
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# **Applications of bioactive peptides in cosmeceuticals: a review**

**Key words:** Cosmetic; Skincare; Bioactive peptides; Functional ingredients; Cosmeceutical

# Research Summary

This review mainly focused on the applications of bioactive peptides in cosmeceuticals:



# ***Innovation points***

- **The production** methods of bioactive peptides linked to cosmeceutical uses are described.
- **Characterization** of cosmeceuticals-inclined anti-inflammatory, antimicrobial, antioxidant, and anti-aging peptides are discussed.
- **Food-derived pleiotropic** peptides with their specific mechanisms applicable to cosmeceuticals are mentioned.

# ***Innovation points***

- **Salient considerations** concerning production cost and pilot scale operation of biopeptide-based cosmeceutical products are discussed.
- **The stability**, compatibility, user safety, site-specificity, and delivery methods of cosmeceutical peptides are explained.