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**■ Subject Classification**

- Advances in skin/hair-care research/Active Ingredients
- Advances in Formulation Technology
- Advances in Evaluation techniques for efficacy and safety

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***INTERCALATIVE NANOENCAPSULATION OF COSMETIC INGREDIENTS INTO SKIN-FRIENDLY INORGANICS***

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Functional cosmetic ingredients such as L-ascorbic acid, retinoic acid, indole-3-acetic acid, salicylic acid, acidic dye(indigo carmine) are intercalatively encapsulated by skin-friendly metal hydroxides and oxides matrices. Such functional organic-inorganic nanohybrids are realized via chemical coprecipitation and surface coating reactions. The hetero-structural nature of these nanohybrids, their particle morphology and textural characterizations are mainly discussed on the basis of powder X-ray diffraction, electron microscopies, and high performance liquid chromatographic analyses. The cosmetic ingredients encapsulated in inorganics show greatly improved storage stability, sustained releasing property as well as higher transdermal transfer efficiency.