

WE OFFER

development, modification and application of
raw materials

development of new cosmetic (biobased)
raw materials

development, improvement and characterization
of formulations

consulting

individual solutions

selection, development and realization
of customized analytical methods



CONTACT

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COSMETICS OUR RESEARCH FOR YOUR PRODUCTS



oil and water soluble active substances
ENCAPSULATIONS

process integration, scale-up, formulation
protection and controlled release of sensitive substances
biodegradable and biocompatible materials

nano- and microparticles
biodegradable polymer particles (e.g. peeling)
PARTICLE DEVELOPMENT

opacifier
pigments
UV protection particles
controllable dispersion
antibacterial particles

rheology modifiers
biodegradable polymers

POLYMER DEVELOPMENT

amphoteric polymers and polyelectrolytes
switchable polymers
hydrogels and pastes
antibacterial polymers
materials with textured colors (pearl effect)
multifunctional polymers

chromatography

ANALYTICS

hair analysis
adsorption and permeation
microbial stability
thermal methods/calorimetry
biocompatibility and risk assessment
spectroscopy
light and electron microscopy
rheology
surface analysis
surface tension
scattering and diffraction methods

multi-phase systems
synthesis of organic intermediates

FORMULATIONS

cosmeceuticals
development, optimization, compatibility
characterization
preservation
elimination of instabilities

RESEARCH AND DEVELOPMENT FOR COSMETICS

Are you looking for support in developing new ingredients or formulations for your cosmetic products? The Fraunhofer Institute for Applied Polymer Research IAP is your competent research partner for the development, formulation and characterization of ingredients.

Our scientists have years of expertise in the tailored development of polymers, particles, surfaces and microcapsules. Using state-of-the-art equipment, we provide you with one-stop customized solutions.

