

Design and Application of Uniform Micro/nano Sphere/capsules in Bio-formulation Engineering



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Date and time

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15:00 ~ 16:30

Venue

東京農工大学 小金井キャンパス
BASE本館 1階 会議室
Meeting Room, 1st Fl., BASE
Koganei Campus, TUAT



■共催 / Co-Organized by

グローバルイノベーション研究院
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Abstract

Micro/nano particles (sphere/capsule) have important applications in bio-formulation engineering, such like sustained release formulation of protein/peptide drugs, targeting deliver system of anti-cancer drug, "chassis" or adjuvant for vaccine, and so forth. We have established uniform particle manufacture platform, and have designed drug-loaded particles for different applications by utilizing this special platform. In this presentation, the preparation and application results of uniform particles for protein/peptide drug formulation will be introduced firstly, where uniform particles guaranteed the repeatability of products. Furthermore, various intelligent uniform particles for controlled release of anti-cancer drug will be introduced, such like, deformable particle, pH-sensitive particle, and so on. Deformability, size and shape effects of particles on drug efficiency were investigated.

言語/英語
Language/English

どなたでもご聴講
いただけます
Everyone is welcome
to attend.

■お問合せ先 / Contact

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