

## Outer membrane vesicles of bacteria

Chatterjee, S. N., author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20417716&lokasi=lokal>

---

### Abstrak

This book provides a detailed account of the physico-chemical properties and biological functions of the outer membrane vesicles (OMVs) of different pathogenic and non-pathogenic Gram-negative bacteria. It also includes an authentic record of the first systematic study that discovered the mechanism of OMV formation by a pathogen, *Vibrio cholerae*, and proposed that the process represented a novel secretory activity of bacteria. Furthermore, the authors present clinical and laboratory data on the use of OMVs as immunogens, as effective and licensed vaccines against *Neisseria meningitidis* serogroup B infections and on the development of more effective vaccines against other human and animal pathogens including *Vibrio cholerae*. This volume thus bears witness to the emerging revolution in the field of vaccines against pathogens and closes with a discussion of open questions and future research on OMVs.