

## MUCOADHESION: A NEW POLYMERIC APPROACH

*Bull. Pharm. Res.* 2016;6(3):74-82.

Bioadhesion is the ability of a material to adhere to a biological tissue for an extended period of time. In the case of polymer attached to the mucin layer of a mucosal tissue, the term mucohesion is used. Mucoadhesion occurs between two surfaces, one of which is a mucous membrane and another is drug delivery system. It gives rapid absorption and increased bioavailability. Mucoadhesive drug delivery systems have been developed for various routes for both systemic and local effects. Mucoadhesive as a controlled drug delivery system have been developed to increase gastric retention time of the dosage forms. This review article aims to provide an overview of the various aspects of mucoadhesion and mucoadhesive materials.



Corresponding author: **Dr. Navneet Nagpal**

Tel.: +91 9316849394

**Review Article** Received: May 08, 2016; Accepted: Sep 04, 2016  
Published: Dec 31, 2016

Total pages: 09; References: 42

© Bulletin of Pharmaceutical Research 2016

Access the article at ResBib, DRJI, Google Scholar, OAJI, DAJJ,

① <http://www.researchbib.com>

② <http://www.drji.org>

③ <http://scholar.google.co.in>

④ <http://oaji.net/>

⑤ <http://www.daij.org/>

**Nagpal N\*, Bajaj J, Saini G, Kaur L, Sharma K, Arora M**

*Department of Pharmaceutics, Khalsa College of Pharmacy,  
Amritsar, Punjab, India*

*e-mail: n.nagpal721@gmail.com*

