

# PEER-REVIEWED POLYURETHANE PUBLICATIONS

| TITLE   | CITATION                                |
|---|---|
| <b>In vitro and in vivo molecular stability of medical polyurethanes: A review.</b><br>Gogolewski S.  | Trends Polym Sci 1991; 1:47– 61.        |
| <b>Polyurethane elastomer biostability.</b><br>Stokes K., McVenes R.  | J Biozmater Appl 1995; 9:321–354.       |
| <b>Cellular interactions with biomaterials: in vivo cracking of pre-stressed Pellethane 2363-80A.</b><br>Zhao Q., Agger M., Fitzpatrick M., Anderson J., Hiltner A., Stokes K., Urbanski P.                               | J Biomed Mater Res 1990; 24: 621– 637.  |
| <b>Polyurethanes in medicine.</b><br>Lelah M., Cooper S.  | Boca Raton, FL: CRC Press; 1986.        |
| <b>Foreign-body giant cells and polyurethane biostability: In vivo correlation of cell adhesion and surface cracking.</b><br>Zhao Q., Topham N., Anderson J., Hiltner A., Lodoen G., Payet C.                             | J Biomed Mater Res 1991; 25: 177–183.   |
| <b>An FTIR-ATR investigation of in vivo poly(ether urethane) degradation.</b><br>Wu Y., Sellitti C., Anderson J., Hiltner A., Lodoen G., Payet C.   | J Appl Polym Sci 1992; 46:201–211.      |
| <b>Oxidative biodegradation mechanisms of biaxially strained poly(ether urethane urea) elastomers.</b><br>Schubert M., Wiggins M., Schaefer M., Hiltner A., Anderson J.   | J Biomed Mater Res 1995; 29: 337–347.   |
| <b>Role of oxygen in biodegradation of poly(ether urethane urea) elastomers.</b><br>Schubert M., Wiggins M., Hiltner A., Anderson J.  | J Biomed Mater Res 1997; 34: 519 –530.  |
| <b>Mechanisms of inflammation and infection with implanted devices.</b><br>Anderson J.M.  | Cardiovasc Pathol 1993; 4(3): 33S-41S.  |
| <b>Degradation of biomaterials by phagocyte-induced oxidants.</b><br>Sutherland K., Mahoney II J.R., Coury A.J., Eaton J.W.   | J Clin Invest 1993; 92:236.             |
| <b>In vitro modulation of macrophage phenotype and inhibition of polymer degradation by dexamethasone in a human macrophage/Fe/stress system.</b><br>Casas J., Zhao Q., Donovan M., Schroeder P., Stokes K., Untereker K. | J Biomed Mater Res 1999; 46: 475-484.   |
| <b>Effect of pharmacologic agents on release of lysosomal enzymes from alveolar mononuclear cells.</b><br>Ackerman N.R., Beebe J.R.   | J Pharmacol Exp Ther 1975; 193:603-613. |
| <b>Theoretical analysis of in vivo macrophage adhesion and foreign body giant cell formation on strained poly(ether urethane urea) elastomers.</b><br>Kao W.J., Hiltner A., Anderson J.M., Lodoen G.A.                    | J Biomed Mater Res 1994; 28: 819-829.   |
| <b>Effect of biomaterial surface charge on the inflammatory response: evaluation of cellular infiltration and TNF alpha production.</b><br>Hunt J.A., Flanagan B.F., McLaughlin P.J., Stickland I., Williams D.F.         | J Biomed Mater Res 1996; 31: 139-144.   |
| <b>Differential synthesis of cholesterol esterase by monocyte-derived macrophages cultured on poly(ether and ester-)urethanes.</b><br>Labow R.S., Meek E., Santerre J.P.  | J Biomed Mater Res 1998; 39: 469-477.   |
| <b>Long-term in vivo biostability of poly(dimethylsiloxane)/poly(hexamethylene oxide) mixed microbial-based polyurethane elastomers.</b><br>Simmons, et al.   | Biomaterials 2004; 25:4887–4900.        |