

Accepted Manuscript

One-step Synthesis, Biodegradation and Biocompatibility of Polyesters Based on the Metabolic Synthon, Dihydroxyacetone

Julius N. Korley, Sara Yazdi, Kevin McHugh, James Kirk, James Anderson, David Putnam



PII: S0142-9612(16)30161-2

DOI: [10.1016/j.biomaterials.2016.04.042](https://doi.org/10.1016/j.biomaterials.2016.04.042)

Reference: JBMT 17482

To appear in: *Biomaterials*

Received Date: 6 February 2016

Revised Date: 19 April 2016

Accepted Date: 29 April 2016

Please cite this article as: Korley JN, Yazdi S, McHugh K, Kirk J, Anderson J, Putnam D, One-step Synthesis, Biodegradation and Biocompatibility of Polyesters Based on the Metabolic Synthon, Dihydroxyacetone, *Biomaterials* (2016), doi: 10.1016/j.biomaterials.2016.04.042.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**One-step Synthesis, Biodegradation and Biocompatibility of Polyesters Based on the
Metabolic Synthon, Dihydroxyacetone**

*Julius N. Korley¹, Sara Yazdi¹, Kevin McHugh⁴, James Kirk⁴, James Anderson³, David
Putnam^{1,2,*}*

¹Meinig School of Biomedical Engineering and the ²Robert Frederick Smith School of Chemical
and Biomolecular Engineering, Cornell University, Ithaca NY, 14853.

³Department of Pathology and ⁴Department of Biomedical Engineering Case Western Reserve
University, Cleveland, OH 44106

*To whom correspondence should be addressed: 147 Weill Hall, Cornell University, Ithaca, NY.
tel. 607-255-4352, fax 607-255-7330, dap43@cornell.edu

Download English Version:

<https://daneshyari.com/en/article/6484964>

Download Persian Version:

<https://daneshyari.com/article/6484964>

[Daneshyari.com](https://daneshyari.com)