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Lipid Coated Microbubbles: fundamentals and biomedical applications Mark Andrew Borden, Ph.D. Assistant Professor Department of Chemical Engineering

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, 4 Jessica J. Kandel, 5 Darrell J. Yamashiro, 2, 5 and Mark A. Borden 1, \* microbubbles were properties and biomedical applications. Bub Sci Eng

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### **Ultrasound microbubble contrast agents:**

Ultrasound Microbubble Contrast Katherine Ferrara, 1 Rachel Pollard, 2 and Mark Borden 1. Zutshi R. 2004. Therapeutic applications of lipid-coated microbubbles.

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Mark Andrew Borden's Inventor profile The Trustees of Columbia University in the City of New York, 5 patents/applications from Sep 29, 2008 to Feb 22  
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DNA of the polyplexes carried by the microbubbles to be Mark Andrew Borden, Shashank Ramesh Sirsi: and industrial applications,  
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**Influence of lipid shell physicochemical**

Mark Andrew Borden (M 04) Matsunaga T, Zutshi R. Therapeutic applications of lipid-coated microbubbles, Adv Drug Delivery Rev. 2004; 56:1291 1314.  
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Andrew P. Goodwin, Mark A. Borden, Paul A. Dayton, Katherine W Ferrara, Ultrasound contrast microbubbles in imaging and therapy:  
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I.V. Mastikhin, MR relaxometry of micro-bubbles in the Mark A. Borden, R. C. Gessner, P. A. Dayton, Microbubbles in imaging: applications beyond  
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Mark J. Hsu, Sadik C. Esener Estimating the shell parameters of SonoVue microbubbles using light scattering. Fundamentals and Applications> Chapter 0.

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