**Curriculum vitae**

**Education**  
1998 BSc (1st Class Hons Applied Chemistry); Aston University, U.K.  
2002 PhD (Pharmaceutical Sciences); University of Nottingham, U.K.  
2002-2004 Postdoctoral Fellowship (Medicine); The Johns Hopkins University

**Professional Experience**  
2014 - present Professor, College of Pharmacy, University of Iowa  
2009-2014 Associate Professor, College of Pharmacy, University of Iowa  
2004-2009 Assistant Professor, College of Pharmacy, University of Iowa  
2002-2004 Postdoctoral Fellow, Department of Biomedical Engineering, School of Medicine, The Johns Hopkins University  
2001-2002 Scientific Consultant, Regentec Ltd, Nottingham, U.K.  
1998-2001 Scientist, Pharmaceutical Profiles, Nottingham, U.K.

**Research Interests**  
Dr. Salem's research interests are primarily focused on self-assembling systems, the rational design of novel drug and gene delivery systems and on the development of vaccines that stimulate potent antigen-specific immune responses.  Dr Salem's laboratory applies microfabrication techniques to develop novel drug and gene delivery devices and to optimize control over polymer-cell interactions. The group is currently exploring the synergistic application of polymer particle technology,  CpG oligonucleotides, adenoviruses and heat shock protein therapy for generating sustained stronger immune responses against tumors.

**Recent Publications**

Joshi VB, Geary SM, Gross BP, Wongrakpanich A, Norian LA, **Salem AK**. Tumor lysate-loaded biodegradable microparticles as cancer vaccines. Expert Rev Vaccines, 2013.

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