

## LAWRENCE A POTEMPA, PHD

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### CURRENT ACADEMIC POSITIONS

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- June 2017-present    Chair Research and Scholarly Endeavors  
Roosevelt University College of Pharmacy
- Oct 2010-present    Associate Professor of Biochemistry and Immunology  
Roosevelt University College of Pharmacy  
Schaumburg, IL 60173
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### EDUCATION

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- 1977-1979            Rush, Presbyterian St. Luke's Medical Center, Chicago, IL 60612  
Postdoctoral Research Fellow, Field of Immunology  
(Mentor: Dr. Henry Gewurz)
- 1973-1977            Northwestern University Feinberg School of Medicine,  
Chicago, IL 60611  
Doctor of Philosophy, Field of Biochemistry  
(Mentor: Dr. James E. Garvin)
- 1969-1973            Bradley University, Peoria, IL 61625  
Bachelor of Science, Field of Biology  
(Mentor: Dr. Alan G. Galsky)
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### PREVIOUS ACADEMIC AND INDUSTRY POSITIONS

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- 1988 - 2008            Various scientific and corporate including:  
Vice President Research (1996-2008)  
Chief Scientific Officer (199

Mar 1998-Dec 1999	Consultant - ImmvaRx Inc. (a Biotechnology Co. developing cancer vaccines) Rockford, IL
Mar 1989-Jun 1995	Adjunct Associate Professor Northwestern University Medical School Department of Medicine Chicago, IL 60611
July 1979-Dec 1987	Assistant Professor (University Appointment) Assistant Scientist (Medical Center Appointment) Rush, Presbyterian St. Luke's Medical Center, Rush University and Rush Medical School Department of Immunology/Microbiology, Chicago, IL 60612
Jul 1977-Jun 1979	Instructor/Postdoctoral Fellow Rush, Presbyterian St. Luke's Medical Center and Rush University Department of Immunology (H. Gewurz, MD) Chicago, IL 60612
July 1973-Dec 1977	Graduate Research Assistant Northwestern University Feinberg School of Medicine Department of Biochemistry, Chicago, IL 60611
Aug 1975-June 1977	Instructor Illinois College of Podiatric Medicine Now Merged with Roslyn Franklin University of Medicine and Science Department of Biochemistry Chicago, IL 60611
Sept 1970-May 1973	Research Associate/ Laboratory Manager Bradley University Department of Biology (A.G. Galsky, PhD) Peoria, IL 61606
June 1972-Aug 1972	National Science Foundation Research Fellow Northwestern University Department of Biology (J.A. Lippincott, PhD) Evanston, IL 60201

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### SELECTED PUBLICATIONS

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1. Chirco KR, Flamme-Wiese MJ, Wiley JS, **Potempa LA**, Stone EM, Tucker B, Mullins RF. 2018. Local and systemic sources of monomeric C-reactive protein and membrane attack complex in the choriocapillaris and AMD (in press)

2. Chirco, KR, **Potempa LA**. 2018. C-reactive Protein as a Mediator of Complement Activation and Inflammatory Signaling in Age-related Macular Degeneration. Mini-Review. *Frontiers in Immunology-Inflammation* 9:article 539. Mar 15, 2018. <http://doi:10.3389/fimmu.2018.00539>
3. Jia Z-K, Li H-Y, Liang Y-L, **Potempa LA**, Ji S-R, Wu Yi. 2018. Monomeric C-reactive protein binds and neutralizes RANKL-induced osteoclast differentiation. *Frontiers in Immunology* 19 February <https://doi.org/10.3389/fimmu.2018.00234>
4. Lv J-M, Lü S-Q, Zhang J, Liu Z-P, Gao B-X, Yao Z-Y, Wu Y-X, **Potempa LA**, Ji S-R, Long M, Wu Y.Y,

anhydride modification. July 2015 - Biophysics Reports 1 (1):18-33. DOI:  
10.1007/s41048-015-0003-2

13. Zhang L, Liu S-H, Wright TT, Shen Z-Y, Li H-Y, Zhu W, **Potempa LA**, Ji S-R, Szalai AJ, Wu Y 2015. C-reactive Protein directly suppresses T helper 1 cell differentiation and alleviates experimental autoimmune encephalomyelitis. *J Immunology* 194(11):5243-5252. doi: 10.4049/jimmunol.1402909
14. Li H-Y, Wang J, Wu Y-X, Zhang L, Liu Z-P, Filep JG, **Potempa LA**, Wu Y, Ji S-

23. Ji SR, Wu Y, **Potempa LA**, Liang Y-H, Zhao J. 2006. Effect of modified C-reactive protein on complement activation: A possible complement regulatory role of mCRP in atherosclerotic lesions. *Atherosclerosis Thrombosis and Vascular Biology* 26:935-941
24. Ji SR, Wu Y, **Potempa LA**, Qiu Q, Zhao J. 2006. The interactions of low density lipoprotein with different forms of C-reactive protein: implication of an active role of modified C-reactive protein in the pathogenesis of atherosclerosis. *International Journal of Biochemistry and Cell Biology* 38:648-661
25. Khreiss T, József L, **Potempa LA**, Filep JG. 2005. Loss of pentameric symmetry in C-reactive protein induces Interleukin-8 secretion through peroxynitrite signaling in human neutrophils. *Circulation Research* 97:690-697
26. Ciubotaru I, Lee YS, **Potempa LA**, Wander RC. 2005 The production of modified C-reactive protein in U937-derived macrophages. *Exp Biol Med* 230 (10):762-770
27. Schwedler SB, Amann K, Wernicke K, Krebs A, Nauck M, Wanner C, **Potempa LA**, Galle J 2005. Native C-reactive protein (CRP) increases, whereas modified CRP reduces atherosclerosis in ApoE-knockout-mice. *Circulation* 112(7):1016-23
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