



- *Professor*
 - *Department of Immunology and Genomic Medicine*
 - *Department of Pediatrics*
 - *Division of Cell Biology*
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Conditions Treated:

Research Areas:

- *Basic Immunology*
- *Cellular and Molecular Biology*
- *Inflammation*
- *Lung Cell Biology*
- *Mycobacterial and Respiratory Infections*
- *Regenerative Medicine*
- *Pathology*
- *Pulmonary Medicine*

Programs & Services:

- *Cell Biology*

Innate immunity, experimental pathology, Inflammation and inflammatory respiratory diseases

Education

1958 - 1963 University of Edinburgh, BVM&S

1963 - 1964 University of Edinburgh, BSc with Honors, Microbiology

1964 - 1967 University of Cambridge, PhD

Fellowship

1967 - 1969 Scripps Research Institute, Experimental Pathology

Teaching or Professional Positions

Associate Director, Pulmonary and Critical Care Fellowship Program

Member, Immunology Graduate Program Steering Committee

Affiliations with the University of Colorado Denver

Professor, Departments of Immunology and Microbiology, Medicine, Pharmacology, University of Colorado Denver

Awards & Recognition

2011: Distinguished Professorship, University of Colorado

2005: Burns Amberson Lecture, ATS Centenary Meeting

1991: Margaret A. Regan Professor of Pulmonary Inflammation
1983: Reticuloendothelial Society, Marie T. Bonazinga Award
1980: American Association of Pathologists, Parke Davis Award

Publications

Fadok VA, Voelker DR, Campbell PA, Cohen JJ, Bratton DL and Henson PM. Exposure of phosphatidylserine on the surface of apoptotic lymphocytes triggers specific recognition and removal by macrophages. *J Immunol.* 148(7):2207-2216, 1992.

Fadok VA, Bratton DL, Konowal A, Freed PW, Westcott JY, Henson PM. Macrophages that have ingested apoptotic cells in vitro inhibit proinflammatory cytokine production through autocrine/paracrine mechanisms involving TGF β , PGE $_2$, and PAF. *J. Clin. Invest.* 101:890-898, 1998. Huynh, M-LN, Fadok VA, Henson PM. Phosphatidylserine-dependent ingestion of apoptotic cells promotes TGF β 1 secretion and resolution of inflammation. *J Clin Invest* 109:41-50, 2002.

Gardai S.J, McPhillips KA, Frasch SC, Janssen W.J, Starefeldt A, Murphy-Ullrich JE, Bratton DL, Oldenborg PA, Michalak M, Henson PM. Cell-surface calreticulin initiates clearance of viable or apoptotic cells through trans-activation of LRP on the phagocyte. *Cell* 123:321-334, 2005.

Gardai SJ, Xiao Y-Q, Dickinson M, Nick J, Voelker D, Greene K, Henson P. By binding SIRP α or calreticulin/CD91, lung collectins act as dual function surveillance molecules to suppress or enhance inflammation. *Cell.* 115:13-23, 2003.

Desch AN, Gibbings SL, Clambey ET, Janssen WJ, Slansky JE, Kedl RM, Henson PM, and Jakubzick C. Dendritic cell subsets require cis-activation for cytotoxic CD8 T-cell induction. *Nature communications*, 5:4674 2014.

Doctor's Contact Information

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Locations

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