



- *Professor*
  - *Department of Biomedical Research*
  - *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 $\beta$ , 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 $\beta$ 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 $\alpha$  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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