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---

**CYTOKINES • MEDIATORS • REGULATORY MOLECULES**

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C. W. Turck, J. A. Kapp, and D. R. Webb  1904  Structural Analyses of a Monoclonal Heterodimeric Suppressor Factor Specific for l-Glutamic acid39-1-Alanine32-1-Tyrosine

---

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---

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T. Meshulam, P. Proto, R. D. Diamond, and D. A. Melnick  1954  Calcium Modulation and Chemotactic Response: Divergent Stimulation of Neutrophil Chemotaxis and Cytosolic Calcium Response by the Chemotactic Peptide Receptor

D. E. Feltner, R. H. Smith, and W. A. Marasco  1961  Characterization of the Plasma Membrane Bound GTFase from Rabbit Neutrophils. I. Evidence for an N-like Protein Coupled to the Formyl Peptide, C5a, and Leukotriene B4, Chemotaxis Receptors


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