

## **W0380**

**Enolase and Its Role in Accumulation of Cholesteryl Esters.** Ramin Radfar, Jason Holliday, Wofford College, Chemistry Dept., Spartanburg, South Carolina 29303.

Atherosclerosis, the most common form of arteriosclerosis, is characterized by the presence of arterial thickening deposits (plaque) of almost pure cholesteryl esters in the inner lining of an artery. Plaques can grow large enough to significantly reduce the blood's flow through an artery. Enolase may have a role in accumulation of these deposits by inhibiting activity of cholesterol ester hydrolase and formation of a complex with cholesteryl ester.

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