

## Contents

<b>Introduction.</b> R. Poledne	vii
<b>Review: Fasting and nonfasting triglycerides in cardiovascular and other diseases.</b> J. Piťha, J. Kovář, T. Blahová ( <i>Lab. Atherosclerosis Res., Ctr. Exp. Med., Inst. Clin. Exp. Med., Prague, Czech Republic</i> )	S323
<b>Review: Treatment of hypertriglyceridemia: a review of current options.</b> M. Vrablík, R. Češka ( <i>Third Dept. Med., First Fac. Med., Charles Univ., Prague, Czech Republic</i> )	S331
<b>Review: Genetic predisposition of human plasma triglyceride concentrations.</b> L. Schwarzova, J. A. Hubacek, M. Vrablik ( <i>Third Dept. Intern. Med., Charles Univ. Prague, First Fac. Med., Prague, Czech Republic</i> )	S341
<b>Association between fasting plasma triglycerides, all-cause and cardiovascular mortality in Czech population. Results from the HAPIEE study.</b> H. Pikhart, J. A. Hubáček, A. Peasey, R. Kubínová, M. Bobák ( <i>Dept. Epidemiol. Public Health, Univ. Coll. London, London, United Kingdom</i> )	S355
<b>The effect of glucose when added to a fat load on the response of glucagon-like peptide-1 (GLP-1) and apolipoprotein B-48 in the postprandial phase.</b> K. Zemánková, J. Mrázková, J. Piťha, J. Kovář ( <i>Lab. Atherosclerosis Res., Ctr. Exp. Med., Inst. Clin. Exp. Med., Prague, Czech Republic</i> )	S363
<b>Review: Moderate alcohol consumption and triglyceridemia.</b> J. Kovář, K. Zemánková ( <i>Lab. Atherosclerosis Res., Ctr. Exp. Med., Inst. Clin. Exp. Med., Prague, Czech Republic</i> )	S371
<b>Association of intima-media thickness of carotid arteries with remnant lipoproteins in men and women.</b> J. Piťha, J. Kovář, Z. Škodová, R. Cífková, P. Stávek, L. Červenka, T. Šejda, V. Lánská, R. Poledne ( <i>Ctr. Exp. Med., Inst. Clin. Exp. Med., Prague, Czech Republic</i> )	S377
<b>Hypertriglyceridemic waist – a simple clinical tool to detect cardiometabolic risk: comparison with harmonized definition of metabolic syndrome.</b> H. Vaverková, D. Karásek, D. Novotný, M. Halenka, J. Orság, L. Slavík ( <i>Third Dept. of Intern. Med. – Nephrol. Rheumatol. Endocrinol., Fac. Med. Dentistry, Palacky Univ., Olomouc, Czech Republic</i> )	S385
<b>Review: Adipose tissue and atherosclerosis.</b> R. Poledne, I. Králová Lesná, S. Čejková ( <i>Lab. Atherosclerosis Res., Ctr. Exp. Med., Inst. Clin. Exp. Med., Prague, Czech Republic</i> )	S395
<b>Influence of breathing on the measurement of lipids in the myocardium by <math>^1\text{H}</math> MR spectroscopy.</b> M. Drobny, P. Sedivy, M. Dezortova, D. Wagnerova, M. Hajek ( <i>MR-Unit, Dept. Diagnostic Intervent. Radiol., Inst. Clin. Exp. Med., Prague, Czech Republic</i> )	S403
<b>The effect of ectopic fat on graft function after living kidney transplantation.</b> F. Thieme, L. Janousek, J. Fronek, A. Kralova, S. Cejkova, I. Kralova Lesna, R. Poledne ( <i>Transplant. Surg. Dept., Inst. Clin. Exp. Med., Prague, Czech Republic</i> )	S411
<b>Strong gender-specific additive effects of the <i>NYD-SP18</i> and <i>FTO</i> variants on BMI values.</b> J. A. Hubacek, D. Dlouha, V. Lanska, V. Adamkova ( <i>Ctr. Exp. Med., Inst. Clin. Exp. Med., Prague, Czech Republic</i> )	S419

**Macrophage phenotypes in the adipose tissue of postmenopausal women.** A. Králová, I. Králová Lesná, J. Froněk, S. Čejková, A. Sekerková, L. Janoušek, F. Thieme, I. Stříž, J. Ždychová, R. Poledne (*Lab. Atherosclerosis Res., Ctr. Exp. Med., Inst. Clin. Exp. Med., Prague, Czech Republic*) **S427**

**Is the amount of coronary perivascular fat related to atherosclerosis?** I. Kralova Lesna, Z. Tonar, I. Malek, J. Maluskova, L. Nedorost, J. Pirk, J. Pitha, V. Lanska, R. Poledne (*Lab. Atherosclerosis Res., Ctr. Exp. Med., Inst. Clin. Exp. Med., Prague, Czech Republic*) **S435**

*Cover Picture*

---

Method of perivascular adipose tissue quantification (surrounding human coronary artery) used in article Králová Lesná *et al.* in this issue, pp S435-S443.