**LIST OF PUBLICATIONS**

1. Evaluation of endothelial function by VOP and inflammatory biomarkers in patients with arterial hypertension.

Junqueira CLC, Magalhães MEC, Brandão AA, Ferreira E, Junqueira ASM, Neto JFN, Souza MDGC, Bottino DA, **Bouskela E**

Journal of Human Hypertension 2018 Feb; 32(2):105-113. Doi: 10.1038/s41371-017-0024-z

1. Microcirculation, adiposity and traditional and emerging cardiovascular risk factors in prebubertal children.

Bastos da cunha, C, Sicuro F, Maranhão PA, Borges MA, Cyrino FZGA, Gazolla FM, Madeira IR, Bordallo MAN, **Bouskela E**, kraemer-Aguiar LG

Journal of the Endocrine Society 2017 1(7):908-917. Doi: 10.1210/js.2017-00130

1. New data on chronic venous disease: a new place for Cyclo 3® Fort

Kakkos SK, **Bouskela E**, Jawien A, Nicolaides AN

International Angiology 2018 3791):85-92. Doi: 10.23736/S)392-9590.17.03935-9

1. Effects of venotonic drugs on the microcirculation: comparison between *Ruscus* extract and micronized diosmine.

De Almeida Cyrion FZG, Balthazar DS, Sicuro FL, **Bouskela E**

Clinical Haemorheology and Microcirculation 2017. Doi: 10.3233/CH-170281

1. Contribution of muscarinic receptors to *in vitro* and *in vivo* effects of *Ruscus* extract.

Rauly-Lestienne I, Heusler P, Cussac D, Lantoine-Adam F, de Almeida Cyrino FZG, **Bouskela E**

Microvascular Research 2017 114:1-11. Doi: 10.1016/j.mvr.2017.05.005

1. Structural and functional changes in the microcirculation of lepromatous leprosy patients – Observation using orthogonal polarization spectral imaging and laser Doppler flowmeter iontophoresis.

Treu C, de Souza MDGC, Lupi O, Sicuro FL, Maranhão PA, Kraemer-Aguiar LG, **Bouskela E**

PLoS One 2017 12(4):e0175743. Doi: 101371/journal.pone.0175743. eCollection 2017

1. Exercise effects on perivascular adipose tissue: endocrine and paracrine determinants of vascular function.

Boa BC, Yudkin JS, van Hinsbergh VW, **Bouskela E**, Eringa EC

British Journal of Pharmacology 2017. Doi: 10.1111/bph.13732

1. The place of *Ruscus* extract, hesperidin methyl chalcone and vitamin C in the management of chronic venous disease.

Jawien A, **Bouskela E**, Allaert FA, Nicolaides AN

International Angiology 2017 36(1):31-41. Doi: 10.23736/S0392-9590.16.03788-3

1. Ivabradine attenuates the microcirculatory derangements evoked by experimental sepsis.

Miranda ML, Balarini MM, Balthazar DS, Paes LS, Santos MS, **Bouskela E**

Anesthesiology 2017 126(1):140-149. Doi: 10.1097/aln.0000000000001431

1. The anti-inflammatory role of propranolol in cirrhosis: preventing the inflammatory exhaustion?

Brito-Azevedo A, Perez RM, Coelho HS, Fernandes ES, Castiglione RC, Villela-Nogueira CA, **Bouskela E**

Journal of Hepatology 2017 66(1):240-241. Doi: 10.1016/j.hep.2016.08.007

1. Vascular and inflammatory acute responses after a resistance exercise session in young women with excessive adiposity.

Kraemer-Aguiar LG, Salles BF, Dias I, Marques-Neto SR, Guimarães AEC, de Souza MGC, Santos B, **Bouskela E**

Medical Express 2017 4(3) M170304. Doi: 10.5935/MedicalExpress.2017.03.04

1. Inflammation-induced microvascular dysfunction in obesity – a translational approach.

Das Graças Coelho de Souza M, Kraemer-Aguiar LG, **Bouskela E**

Clinical Hemorheology and Microcirculation 2016 64(4):645-654. Doi: 10.3233/CH-168018

1. Microparticles derived from obese adipose tissue elicit a pro-inflammatory phenotype of CD16+, CCR5+ and TLR8+ monocytes.

Renovato-Martins M, Matheus ME, de Andrade IR, Moraes JA, da Silva SV, Citelli dos Reis M, de Souza AA, da Silva CC, **Bouskela E**, Barja-Fidalgo C

Biochimica Biophysical Acta 2017 1863(1):139-151. Doi 10.1016/j.bbadis.2016.09.016

1. Low-dose estradiol and endotelial and inflammatory biomarkers in menopausal overweight/obese women.

Da Silva LH, Panazzolo DG, Marques MF, Souza MG, Paredes BD, Nogueira Neto JF, Leão LM, Morandi V, **Bouskela E**, Kraemer-Aguiar LG

Climacteric 2016 19(4):337-343. Doi: 10.1080/13697137.2016.1180676

1. Microcirculatory dysfunction in sepsis: pathophysiology, clinical monitoring and potential therapies.

Miranda ML, Nalarini MM, Caixeta D, **Bouskela E**

American Journal of Physiology, Heart and Circulatory Physiology 2016 311(1):H24-H35. Doi: 10.1152/ajpheart.00034.2016

1. Venous symptoms: the SYM Vein Consensus statement developed under the auspices of the European Venous Forum

Perrin N, Eklof B, Van Rij A, Labropoulos N, Vasquez M, Nicolaides A, Blattler W, Bouhassira D, **Bouskela E**, Carpentier P, Darvall K, de Maeseneer M, Flour M, Guex JJ, Hamel-Desnos C, Kakkos S, Launois R, Lugli M, Maleti O, Mansilha A, Neglén P, Rabe E, Shaydakov E

International Angiology 2016 35(4):374-398.

1. Hot flashes: emerging cardiovascular risk factors in recent and late post menopause and their association with higher blood pressure.

Silveira JS, Clapauch R, Souza MGC, **Bouskela E**

Menopause 2016 23(8):846-855. Doi: 10.1097/GME.0000000000000641

1. Dynamic nailfold videocapillaroscopy may be used for early detection of microvascular dysfunction in obesity.

Maranhão PA, Souza MGC, Kraemer de Aguiar LG, **Bouskela E**

Microvascular Research 2016 106:31-35. Doi:10.1016/j.mvr.2016.03.004

1. Oxygen uptake, respiratory exchange ratio or total distance: a comparison of methods to equalize exercise volume in Wistar rats.

Paes LS, Borges JP, Cunha FA, Souza MGC, **Bouskela E**, Farinatti PTV

Brazilian Journal of Medical and Biological Research 2016 49(8) doi: 10.1590/1414-431X20165200

1. Short-term resistance training attenuates cardiac autonomic dysfunction in obese adolescents. Farinatti PTV, Marques Neto SR, Dias I, Cunha FA, **Bouskela E**, Kraemer de Aguiar LG

Pediatric Exercise Sciences 2016 28(3):374-380. Doi: 10.1123/pes.2015-0191

1. Short-term effects of low-dose estradiol on endothelial function and blood viscosity in non-diabetic postmenopausal women: a double-blind, placebo-controlled study.

Panazzolo D, Silva LHA, Maranhão PA, Souza MGC, Nogueira Neto JF, Leão LMCSM, **Bouskela E**, Kraemer de Aguiar LG

Menopause 2016 23(10):1114-1121. Doi: 10.1097/GME.0000000000000686

1. Propanolol improves endothelial dysfunction in advanced cirrhosis: the endotelial exhaustion hypothesis

Brito-Azevedo A, Perez RM, Coelho HSM, Fernandes ESM, Castiglione RC, Villela-Nogueira CA, **Bouskela E**

Gut (London) 2016 65(8):1391-1392. Doi: 10.1136/gutjnl-2016-311696

1. Souza MGC, Magalhães CEV, Barros BS, Porto CLL, **Bouskela E**

Our experience in the quantification of microangiopathy in chronic venous disease.

Medicographia 2016 38(2):213-218.

1. Venous hemodynamic changes in lower limb venous disease: the UIP consensus according to scientific evidence.

Lee B, Nicolaides AN, Myers K, Meissner M, Kalodiki E, Allegra C, Antignani PL, Baekgaard N, Beach K, Belcaro G, Black S, Blomgren L, **Bouskela E**, Cappelli M, Caprini J, Carpentier P, Cavezzi A, Chastanet S, Christenson JT, Christopoulos D, Clarke H, Davies A, Maeseneer M, Eklof B, Ermini S, Fernández F, Franceschi C, Gasparis A, Geroulakos G, Gianesini S, Giannoukas A, Gloviczki P, Huang Y, Ibegbuna V, Kakkos SK, Kistner R, Kölbel T, Kurstjens RL, Labropoulos N, Laredo, J, Lattimer CR, Lugli M, Lurie F, Maleti O, Markovic J, Mendoza E, Monedero JL, Moneta G, Moore H, Morrison N, Mosti G, Nelzén O, Obermayer A, Ogawa T, Parsi K, Partsch H, Passariello F, Perrin ML, Pittaluga P, Raju S, Ricci S, Rosales A, Scuderi A, Slagsvold CE, Thurin A, Urbanek T, M Van Rij A, Vasquez M, Wittens CH, Zamboni P, Zimmet S, Ezpeleta SZ

International Angiology 2016 35(3):236-352

1. Microcirculatory effects of zinc on fructose-fed hamsters.

Castiglione RC, Barros CMMR, Boa BCS, **Bouskela E**

Nutrition Metabolism and Cardiovascular Diseases 2016 26(4):310-317. Doi: 10.1016/j.numecd.2015.11.006

1. Low testosterone levels are associated with endothelial dysfunction in oophorectomized early postmenopausal women.

Rech CMZ, Clapauch R, Souza MGC, **Bouskela E**

European Journal of Endocrinology 2016 174:294-306. Doi: 10.1530/EJE-15-0878

1. Effects of incretin-based therapies on neuro-cardiovascular dynamics changes induced by high fat diet in rats.

Marques Neto SR, Castiglione RC, Pontes A, Oliveira DF, Ferraz EB, Nascimento JHM, **Bouskela E**

PLoS One 2016, 11:e0148402. Doi: 10.1371/jornal.pone.0148402

**24.** [Milrinone attenuates arteriolar vasoconstriction and capillary perfusion deficits on endotoxemic hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/25646813)

de Miranda ML, Pereira SJ, Santos AO, Villela NR, Kraemer-Aguiar LG, **Bouskela E**.

PLoS One. 2015 Feb 3;10(2):e0117004. doi: 10.1371/journal.pone.0117004. eCollection 2015.

1. Dyslipidemia and cardiovascular risk in Afro-descendants: a study in quilombola communities in Maranhão, Brazil.

Revista Brasileira De Medicina da Familia e Comunidade 2015 10:1-10.

1. Relationship between biomarkers of inflammation, oxidative stress and endotelial/microcirculatory function in successful aging versus healthy youth: a transversal study.

Bottino DA, Lopes FG, Oliveira FJ, Mecenas AS, Clapauch R, **Bouskela E**

BMC Geriatrics (on line) 2015 15:41. Doi: 10.1186/s12877-015-0044-x

1. Can heart rate variability be used to estimate gas exchange threshold in obese adolescents?

Vasconcellos F, Seabra A, Montenegro R, Cunha F, **Bouskela E**, Farinatti PTV

International Journal of Sports Medicine 2015 36:654-660. Doi: 10.1055/s-0034-139654

1. Effects of resistance training on obese adolescents.

Dias I, Farinatti PTV, Souza MGC, Manhanini D, Balthazar E, Dantas D, Pinto EHA, **Bouskela E**, Kraemer de Aguiar LG

Medicine and Science in Sports and Exercise 2015 5:1-10. Doi: 10.1249/mss.000000000000705

1. Alpha-tocopherol improves microcirculatory dysfunction on fructose fed hamsters.

Boa BCS, Barros CMMR, Souza MGC, Castiglione RC, Cyrino FZGA, **Bouskela E**

PLoS One 2015 10:e0134740 doi: 10.1371/jornal.pone.0134740

1. Health markers in obese adolescents improved by a 12-week recreational soccer program: a randomized controlled trial.

Vasconcellos F, Seabra A, Cunha F, Montenegro R, Penha J, **Bouskela E**, Nogueira Neto JF, Collett-Solberg P, Farinatti PTV

Journal of Sports Sciences 2015 7:1-12. Doi: 10.1080/02640414.2015.1064150

1. Heart rate variability assessment with fingertip photoplethysmography and polar RS800cx compared with electrocardiography in obese adolescents.

Vasconcellos F, Seabra A, Cunha F, Montenegro R, **Bouskela E**, Farinatti PTV

Blood Pressure Monitoring 2015 20:351-360. Doi: 10.1097/mbp.000000000000143

1. Increment of body mass index is positively correlated with worsening of endothelium-dependent and independent changes in forearm blood flow.

Kraemer-Aguiar LG, Miranda ML, Bottino DA, Lima RA, Souza MGC, Balarini MM, Villela NR, **Bouskela E**

Frontiers in Physiology 2015 6:1 doi: 10.3389/jphys.2015.00223

1. Lipemia pós-prandial e incretinas na reatividade endotelial.

Maranhão PA, **Bouskela E**, Kraemer de Aguiar LG

Revista Hospital Universitário Pedro Ernesto (on line) 2014 13:80-86. Doi: 10.12957/rhupe.2014.9809

**34.** [Beneficial effects of the micronized purified flavonoid fraction (MPFF, Daflon® 500 mg) on microvascular damage elicited by sclerotherapy.](http://www.ncbi.nlm.nih.gov/pubmed/25514922)

de Souza MD, Cyrino FZ, Mayall MR, Virgini-Magalhães CE, Sicuro FL, Carvalho JJ, Verbeuren TJ, **Bouskela E**.

Phlebology (London) 2014 12:1-10. Doi: 10.1177/0268355514564414

**35.** [n-3 PUFA induce microvascular protective changes during ischemia/reperfusion.](http://www.ncbi.nlm.nih.gov/pubmed/25344627)

de Souza Md, Conde CM, Laflôr CM, Sicuro FL, **Bouskela E**.

Lipids. 2015 Jan;50(1):23-37. doi: 10.1007/s11745-014-3961-0.

**36.** [Dexmedetomidine attenuates the microcirculatory derangements evoked by experimental sepsis.](http://www.ncbi.nlm.nih.gov/pubmed/25313879)

Miranda ML, Balarini MM, **Bouskela E**.

Anesthesiology. 2015 Mar;122(3):619-30. doi: 10.1097/ALN.0000000000000491.

**37.** [Fluid resuscitation therapy in endotoxemic hamsters improves survival and attenuates capillary perfusion deficits and inflammatory responses by a mechanism related to nitric oxide.](http://www.ncbi.nlm.nih.gov/pubmed/25151363)

Villela NR, dos Santos AO, de Miranda ML, **Bouskela E**.

Journal of Translational Medicine 2014 Aug 24;12:232. doi: 10.1186/s12967-014-0232-z.

**38.** [Non-Obese Young Women with Polycystic Ovary Syndrome have Nutritive Microvascular Dysfunction: A Pilot Study.](http://www.ncbi.nlm.nih.gov/pubmed/25100380)

Leão LM, Maranhão PA, Oliveira V, Villela NR, Bordallo MA, Borges MA, **Bouskela E**, Kraemer-Aguiar LG.

Endocrine Practice 2014 Aug 6:1-24. Doi: 10.4158/EP14130.OR

**39.** [Endothelial function and insulin resistance in early postmenopausal women with cardiovascular risk factors: importance of ESR1 and NOS3 polymorphisms.](http://www.ncbi.nlm.nih.gov/pubmed/25077953)

Clapauch R, Mourão AF, Mecenas AS, Maranhão PA, Rossini A, **Bouskela E**.

PLoS One. 2014 Jul 31;9(7):e103444. doi: 10.1371/journal.pone.0103444. eCollection 2014.

**40.** [Chronic aerobic exercise associated to dietary modification improve endothelial function and eNOS expression in high fat fed hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/25036223)

Boa BC, Souza Md, Leite RD, da Silva SV, Barja-Fidalgo TC, Kraemer-Aguiar LG, **Bouskela E**.

PLoS One. 2014 Jul 18;9(7):e102554. doi: 10.1371/journal.pone.0102554. eCollection 2014.

**41.** [Severe Chronic Periodontitis is Associated to Endothelial and Microvascular Dysfunctions: A Pilot Study.](http://www.ncbi.nlm.nih.gov/pubmed/25019176)

Lira-Junior R, Figueredo CM, **Bouskela E**, Fischer RG.

Journal of Periodontology 2014 Jul 14:1-12. Doi: 10.1902/jop.2014.140189

**42.** [Physical activity in overweight and obese adolescents: systematic review of the effects on physical fitness components and cardiovascular risk factors.](http://www.ncbi.nlm.nih.gov/pubmed/24743931)

Vasconcellos F, Seabra A, Katzmarzyk PT, Kraemer-Aguiar LG, **Bouskela E**, Farinatti P.

Sports Medicine 2014 Aug;44(8):1139-52. doi: 10.1007/s40279-014-0193-7.

**43.** Resistance training improves body composition and increases matrix metalloproteinase 2 activity in biceps and gastrocnemius muscles of diet-induced obese rats.

Souza MV, Leite RD, Souza Lino AD, Marqueti Rde C, Bernardes CF, Araújo HS, **Bouskela E**, Shiguemoto GE, Andrade Perez SE, Kraemer-Aguiar LG.

Clinics (Sao Paulo). 2014;69(4):265-70. Erratum in: Clinics (Sao Paulo). 2014 Dec;69(10):709. Bouskella, Eliete [corrected to Bouskela, Eliete].

**44.** Aerobic exercise improves microvascular dysfunction in fructose fed hamsters.

Boa BC, Costa RR, Souza MG, Cyrino FZ, Paes LS, Miranda ML, Carvalho JJ, **Bouskela E**

Microvascular Research 2014 May;93:34-41. doi: 10.1016/j.mvr.2014.02.012.

**45.** Gender differences in microcirculation: Observation using the hamster cheek pouch.

Panazzolo DG, da Silva LH, de Almeida Cyrino FZ, Sicuro FL, Kraemer-Aguiar LG, **Bouskela E**.

Clinics (São Paulo). 2013 Dec;68(12):1537-42. doi: 10.6061/clinics/2013(12)10.

**46.** Arteriolar diameter and spontaneous vasomotion: importance of potassium channels and nitric oxide.

de Souza Md, **Bouskela E**.

Microvascular Research 2013 Nov;90:121-7. doi: 10.1016/j.mvr.2013.08.001.

**47.** Evaluation of sublingual microcirculation in children with dengue shock.

Caixeta DM, Fialho FM, Azevedo ZM, Collett-Solberg PF, Villela NR, **Bouskela E**.

Clinics (São Paulo). 2013 Jul;68(7):1061-4. doi: 10.6061/clinics/2013(07)26.

**48.** Resistance training may concomitantly benefit body composition, blood pressure and muscle MMP-2 activity on the left ventricle of high-fat fed diet rats.

Leite RD, Durigan Rde C, de Souza Lino AD, de Souza Campos MV, Souza Md, Selistre-de-Araújo HS, **Bouskela E**, Kraemer-Aguiar LG.

Metabolism. 2013 Oct;62(10):1477-84. doi: 10.1016/j.metabol.2013.05.009.

**49.** Changing sedative infusion from propofol to midazolam improves sublingual microcirculatory perfusion in patients with septic shock.

Penna GL, Fialho FM, Kurtz P, Japiassú AM, Kalichsztein M, Nobre G, Villela NR, **Bouskela E**.

Journal of Critical Care. 2013 Oct;28(5):825-31. doi: 10.1016/j.jcrc.2013.03.012.

**50.** [Relationships between emerging cardiovascular risk factors, z-BMI, waist circumference and body adiposity index (BAI) on adolescents.](http://www.ncbi.nlm.nih.gov/pubmed/23469930)

Dias IB, Panazzolo DG, Marques MF, Paredes BD, Souza MG, Manhanini DP, Morandi V, Farinatti PT, **Bouskela** E, Kraemer-Aguiar LG.

Clinical Endocrinology (Oxford). 2013 Mar 8. doi: 10.1111/cen.12195

**51.** [Effects of babassu nut oil on ischemia/reperfusion-induced leukocyte adhesion and macromolecular leakage in the microcirculation: observation in the hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/23158555)

Barbosa Mdo C, **Bouskela** E, Cyrino FZ, Azevedo AP, Costa MC, de Souza Md, Santos DS, Barbosa FL, Guerra LF, Nascimento Mdo D.

Lipids Health Dis. 2012 Nov 16;11:158. doi: 10.1186/1476-511X-11-158.

**52.** [Obesity, metabolic syndrome, impaired fasting glucose, and microvascular dysfunction: a principal component analysis approach.](http://www.ncbi.nlm.nih.gov/pubmed/23148545)

Panazzolo DG, Sicuro FL, Clapauch R, Maranhão PA, **Bouskela** E, Kraemer-Aguiar LG.

BMC Cardiovascular Disorders 2012 Nov 13;12:102. doi: 10.1186/1471-2261-12-102.

**53.** [In elderly women moderate hypercholesterolemia is associated to endothelial and microcirculatory impairments.](http://www.ncbi.nlm.nih.gov/pubmed/23137924)

Lopes FG, Bottino DA, Oliveira FJ, Mecenas AS, Clapauch R, **Bouskela** E.

Microvascular Research 2013 Jan;85:99-103. doi: 10.1016/j.mvr.2012.10.009.

**54.** [Microcirculatory effects of selective receptor blockade during hemorrhagic shock treatment with vasopressin: experimental study in the hamster dorsal chamber.](http://www.ncbi.nlm.nih.gov/pubmed/23042188)

Lima R, Villela NR, **Bouskela** E.

Shock. 2012 Nov;38(5):493-8. doi: 10.1097/SHK.0b013e31826b64e5.

**55.** [Preconditioning of the response to ischemia/ reperfusion-induced plasma leakage in hamster cheek pouch microcirculation.](http://www.ncbi.nlm.nih.gov/pubmed/22948461)

da Conceição FG, Conde CM, Svensjö E, Bottino DA, **Bouskela** E.

Clinics (Sao Paulo). 2012 Aug;67(8):923-9.

**56.** [Progenitor cell homing in the postischemic myocardium: just an unmotivated pitstop in the microcirculation?](http://www.ncbi.nlm.nih.gov/pubmed/22827532)

Tuche F, Menger MD, Körbel C, Nickels RM, **Bouskela** E, Schramm R.

Microcirculation. 2012 Nov;19(8):739-48. doi: 10.1111/j.1549-8719.2012.00212.x.

**57.** [Long-term dietary intake of selenium, calcium, and dairy products is associated with improved capillary recruitment in healthy young men.](http://www.ncbi.nlm.nih.gov/pubmed/22821285)

Buss C, Marinho C, Maranhão PA, **Bouskela** E, Kraemer-Aguiar LG.

European Journal of Nutrition 2013 Apr;52(3):1099-105. doi: 10.1007/s00394-012-0419-0.

**58.** [A pro-inflammatory profile of endothelial cell in Lonomia obliqua envenomation.](http://www.ncbi.nlm.nih.gov/pubmed/22779081)

Nascimento-Silva V, Rodrigues da Silva G, Moraes JA, Cyrino FZ, Seabra SH, **Bouskela** E, Almeida Guimarães J, Barja-Fidalgo C.

Toxicon. 2012 Jul;60(1):50-60.

**59.** [Muscle endothelial-dependent microvascular dysfunction in adulthood due to early postnatal overnutrition.](http://www.ncbi.nlm.nih.gov/pubmed/22484032)

Leite RD, Kraemer-Aguiar LG, Boa BC, Cyrino FZ, Nivoit P, **Bouskela** E.

Microvascular Research 2012 Jul;84(1):94-8. doi: 10.1016/j.mvr.2012.03.009. Epub 2012 Mar

**60.** [Early postmenopausal women with cardiovascular risk factors improve microvascular dysfunction after acute estradiol administration.](http://www.ncbi.nlm.nih.gov/pubmed/22314638)

Clapauch R, Mecenas AS, Maranhão PA, **Bouskela** E.

Menopause. 2012 Jun;19(6):672-9. doi: 10.1097/gme.0b013e31823a8f43.

**61.** [Novel findings in the cephalic phase of digestion: a role for microcirculation?](http://www.ncbi.nlm.nih.gov/pubmed/22197630)

Buss C, Kraemer-Aguiar LG, Maranhão PA, Marinho C, de Souza Md, Wiernsperger N, **Bouskela** E.

Physiological Behavior 2012 Feb 28;105(4):1082-7. doi: 10.1016/j.physbeh.2011.12.004.

**62.** [Organic grape juice intake improves functional capillary density and postocclusive reactive hyperemia in triathletes.](http://www.ncbi.nlm.nih.gov/pubmed/22179155)

Gonçalves MC, Bezerra FF, Eleutherio EC, **Bouskela** E, Koury J.

Clinics (São Paulo). 2011;66(9):1537-41.

**63.** [Vimentin and laminin are altered on cheek pouch microvessels of streptozotocin-induced diabetic hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/22086529)

Silva JF, Cyrino FZ, Breitenbach MM, **Bouskela** E, Carvalho JJ.

Clinics (São Paulo). 2011;66(11):1961-8.

**64.** [High fat diet induces central obesity, insulin resistance and microvascular dysfunction in hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/21889944)

Costa RR, Villela NR, Souza Md, Boa BC, Cyrino FZ, Silva SV, Lisboa PC, Moura EG, Barja-Fidalgo TC, **Bouskela** E.

Microvascular Research 2011 Nov;82(3):416-22. doi: 10.1016/j.mvr.2011.08.007.

**65.** [Microcirculatory assessment: a new weapon in the treatment of sepsis?](http://www.ncbi.nlm.nih.gov/pubmed/23949408)

Penna GL, Salgado DR, Japiassú AM, Kalichsztein M, Nobre GF, Villela N, **Bouskela E**.

Revista Brasileira de Terapia Intensiva 2011 Sep;23(3):352-357. English, Portuguese.

**66.** [Evaluation of basal cell carcinoma microcirculation through orthogonal polarization technique.](http://www.ncbi.nlm.nih.gov/pubmed/21644049)

Semenovitch I, Sicuro F, Lupi O, **Bouskela** E.

Archives of Dermatological Research 2011 Sep;303(7):475-9. doi: 10.1007/s00403-011-1151-y.

**67.** [Brazil nuts intake improves lipid profile, oxidative stress and microvascular function in obese adolescents: a randomized controlled trial.](http://www.ncbi.nlm.nih.gov/pubmed/21619692)

Maranhão PA, Kraemer-Aguiar LG, de Oliveira CL, Kuschnir MC, Vieira YR, Souza MG, Koury JC, **Bouskela** E.

Nutrition and Metabolism (London). 2011 May 28;8(1):32. doi: 10.1186/1743-7075-8-32.

**68.** [Microcirculatory effects of fluid therapy and dopamine, associated or not to fluid therapy, in endotoxemic hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/21321403)

Santos AO, Furtado ES, Villela NR, **Bouskela** E.

Clinical Hemorheology and Microcirculation 2011;47(1):1-13. doi: 10.3233/CH-2010-1358.

**69.** [Sidestream dark field imaging: the evolution of real-time visualization of cutaneous microcirculation and its potential application in dermatology.](http://www.ncbi.nlm.nih.gov/pubmed/20972572)

Treu CM, Lupi O, Bottino DA, **Bouskela** E.

Archives of Dermatological Research 2011 Mar;303(2):69-78. doi: 10.1007/s00403-010-1087-7. Review.

**70.** [Effects of microbubbles and ultrasound on the microcirculation: observation on the hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/20970959)

Camarozano AC, Garcia de Almeida Cyrino FZ, Bottino DA, **Bouskela** E.

Journal of the American Society of Echocardiography 2010 Dec;23(12):1323-30. doi: 10.1016/j.echo.2010.09.006.

**71.** [Waist circumference leads to prolonged microvascular reactive hyperemia response in young overweight/obese women.](http://www.ncbi.nlm.nih.gov/pubmed/20833187)

Kraemer-Aguiar LG, Maranhão PA, Cyrino FZ, **Bouskela** E.

Microvascular Research 2010 Dec;80(3):427-32. doi: 10.1016/j.mvr.2010.08.004.

**72.** [Effects of resistance training on cytokines.](http://www.ncbi.nlm.nih.gov/pubmed/20432196)

de Salles BF, Simão R, Fleck SJ, Dias I, Kraemer-Aguiar LG, **Bouskela** E.

International Journal of Sports Medicine 2010 Jul;31(7):441-50. doi: 10.1055/s-0030-1251994. Epub 2010 Apr 29. Review.

**73.** [Endothelial-mediated microcirculatory responses to an acute estradiol test are influenced by time since menopause, cumulative hormone exposure, and vasomotor symptoms.](http://www.ncbi.nlm.nih.gov/pubmed/20395877)

Clapauch R, Mecenas AS, Maranhão PA, **Bouskela** E.

Menopause. 2010 Jul;17(4):749-57. doi: 10.1097/gme.0b013e3181cde2bd.

**74.** [Rosiglitazone decreases intra- to extramyocellular fat ratio in obese non-diabetic adults with metabolic syndrome.](http://www.ncbi.nlm.nih.gov/pubmed/20121885)

Godoy-Matos AF, Bahia LR, Domingues RC, Tambascia M, Geloneze B, Kraemer-Aguiar LG, **Bouskela** E.

Diabetes Medicine 2010 Jan;27(1):23-9. doi: 10.1111/j.1464-5491.2009.02868.x.

**75.** [Microvascular haemodynamic reactions to insulin.](http://www.ncbi.nlm.nih.gov/pubmed/19880878)

Wiernsperger N, **Bouskela** E.

Journal of Physiology 2009 Nov 1;587(Pt 21):5289; author reply 5291-2. doi: 10.1113/jphysiol.2009.179911. No abstract available.

**76.** [Microvascular dysfunction: a direct link among BMI, waist circumference and glucose homeostasis in young overweight/obese normoglycemic women?](http://www.ncbi.nlm.nih.gov/pubmed/19806157)

Kraemer-Aguiar LG, Maranhão PA, Sicuro FL, **Bouskela** E.

International Journal of Obesity (London). 2010 Jan;34(1):111-7. doi: 10.1038/ijo.2009.209.

**77.** [Microcirculatory function in postmenopausal women: role of aging, hormonal exposure and metabolic syndrome.](http://www.ncbi.nlm.nih.gov/pubmed/19695269)

Clapauch R, Mecenas AS, Maranhão PA, **Bouskela** E.

Microvascular Research 2009 Dec;78(3):405-12. doi: 10.1016/j.mvr.2009.08.003.

**78.** [Effects of buflomedil and pentoxifylline on hamster skin-flap microcirculation: prediction of flap viability using orthogonal polarization spectral imaging.](http://www.ncbi.nlm.nih.gov/pubmed/19690666)

Coelho da Mota DS, Furtado E, Bottino DA, **Bouskela** E.

Clinics (São Paulo). 2009;64(8):797-802. doi: 10.1590/S1807-59322009000800015.

**79.** [Adiponectin is related to intramyocellular lipid content in non-diabetic adults.](http://www.ncbi.nlm.nih.gov/pubmed/19636216)

Godoy-Matos AF, Bahia LR, Domingues RC, Sicuro F, Tambascia M, Geloneze B, Kraemer-Aguiar LG, **Bouskela** E.

Journal of Endocrinological Investigation 2010 Jun;33(6):382-7. doi: 10.3275/6474.

**80.** [Changes on venous diameter and leg perimeter with different clinical treatments for moderate chronic venous disease: evaluation using Duplex scanning and perimeter measurements.](http://www.ncbi.nlm.nih.gov/pubmed/19506542)

Porto CL, Milhomens AL, Pires CE, Xavier SS, Sicuro F, Bottino DA, **Bouskela** E.

International Angiology 2009 Jun;28(3):222-31.

**81.** [Short-term treatment with metformin improves the cardiovascular risk profile in first-degree relatives of subjects with type 2 diabetes mellitus who have a metabolic syndrome and normal glucose tolerance without changes in C-reactive protein or fibrinogen.](http://www.ncbi.nlm.nih.gov/pubmed/19488607)

Lima LM, Wiernsperger N, Kraemer-Aguiar LG, **Bouskela** E.

Clinics (São Paulo). 2009 May;64(5):415-20.

**82.** [In vitro and in vivo studies of 6,8-(diaryl)imidazo[1,2-a]pyrazin-3(7H)-ones as new antioxidants.](http://www.ncbi.nlm.nih.gov/pubmed/19477651)

De Wael F, Jeanjot P, Moens C, Verbeuren T, Cordi A, **Bouskela** E, Rees JF, Marchand-Brynaert J.

Bioorganic Medical Chemistry 2009 Jul 1;17(13):4336-44. doi: 10.1016/j.bmc.2009.05.025.

**83.** [Metabolic disturbances linked to obesity: the role of impaired tissue perfusion.](http://www.ncbi.nlm.nih.gov/pubmed/19466216)

Villela NR, Kramer-Aguiar LG, Bottino DA, Wiernsperger N, **Bouskela** E.

Arquivos Brasileiros de Endocrinologia & Metabologia 2009 Mar;53(2):238-45. Review.

**84.** [N-tert-butyl and N-methyl nitrones derived from aromatic aldehydes inhibit macromolecular permeability increase induced by ischemia/reperfusion in hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/19410467)

Dias AG, Santos CE, Cyrino FZ, **Bouskela** E, Costa PR.

Bioorganic Medical Chemistry 2009 Jun 1;17(11):3995-8. doi: 10.1016/j.bmc.2009.04.004. Epub 2009 Apr 8.

**85.** [Vascular disease and diabetic foot - between the academic knowledge and clinical reality.](http://www.ncbi.nlm.nih.gov/pubmed/19082294)

Virgini-Magalhães CE, **Bouskela** E.

Arquivos Brasileiros de Endocrinologia & Metabologia 2008 Oct;52(7):1073-5. Portuguese. No abstract available.

**86.** [Skin microcirculatory dysfunction is already present in normoglycemic subjects with metabolic syndrome.](http://www.ncbi.nlm.nih.gov/pubmed/19013299)

Kraemer-Aguiar LG, Laflor CM, **Bouskela** E.

Metabolism. 2008 Dec;57(12):1740-6. doi: 10.1016/j.metabol.2008.07.034.

**87.** [Treatment of essential hypertension does not normalize capillary rarefaction.](http://www.ncbi.nlm.nih.gov/pubmed/18925320)

Penna GL, Garbero Rde F, Neves MF, Oigman W, Bottino DA, **Bouskela** E.

Clinics (São Paulo). 2008 Oct;63(5):613-8.

**88.** [Low replacement doses of thyroxine during food restriction restores type 1 deiodinase activity in rats and promotes body protein loss.](http://www.ncbi.nlm.nih.gov/pubmed/18430765)

Araujo RL, de Andrade BM, de Figueiredo AS, da Silva ML, Marassi MP, Pereira Vdos S, **Bouskela** E, Carvalho DP.

Journal of Endocrinology 2008 Jul;198(1):119-25. doi: 10.1677/JOE-08-0125.

**89.** [Use of microcirculatory parameters to evaluate clinical treatments of chronic venous disorder (CVD).](http://www.ncbi.nlm.nih.gov/pubmed/18423497)

Lascasas-Porto CL, Milhomens AL, Virgini-Magalhães CE, Fernandes FF, Sicuro FL, **Bouskela** E.

Microvascular Research 2008 May;76(1):66-72. doi: 10.1016/j.mvr.2008.02.002.

**90.** [Orthogonal polarization technique in the assessment of human skin microcirculation.](http://www.ncbi.nlm.nih.gov/pubmed/18412856)

Lupi O, Semenovitch I, Treu C, **Bouskela** E.

International Journal of Dermatology 2008 May;47(5):425-31. doi: 10.1111/j.1365-4632.2008.03694.x. Review.

**91.** [Effects of cilostazol and pentoxifylline on forearm reactive hyperemia response, lipid profile, oxidative stress, and inflammatory markers in patients with intermittent claudication.](http://www.ncbi.nlm.nih.gov/pubmed/18388031)

de Albuquerque RM, Virgini-Magalhães CE, Lencastre Sicuro F, Bottino DA, **Bouskela** E.

Angiology. 2008 Oct-Nov;59(5):549-58. doi: 10.1177/0003319707309656.

**92.** [Different flavonoids present in the micronized purified flavonoid fraction (Daflon 500 mg) contribute to its anti-hyperpermeability effect in the hamster cheek pouch microcirculation.](http://www.ncbi.nlm.nih.gov/pubmed/18277344)

Paysant J, Sansilvestri-Morel P, **Bouskela** E, Verbeuren TJ.

International Angiology 2008 Feb;27(1):81-5.

**93.** [Use of vascular Doppler ultrasound to detect acute estradiol vascular effect in postmenopausal women.](http://www.ncbi.nlm.nih.gov/pubmed/18209906)

Clapauch R, Mattos TM, Uchoa HB, Ferreira AS, Bonisson VG, Lopes EL, Nascimento IC, **Bouskela** E.

Clinics (São Paulo). 2007 Dec;62(6):673-8.

**94.** [[Vascular dysfunction in metabolic disorders: evaluation of some therapeutic interventions].](http://www.ncbi.nlm.nih.gov/pubmed/18072649)

**Bouskela** E, Kraemer de Aguiar LG, Nivoit P, Bahia LR, Villela NR, Bottino DA.

Bullettin of the Académie Nationale de Médecine 2007 Mar;191(3):475-92; discussion 492-3. French.

**95.** [Microcirculation in obesity: an unexplored domain.](http://www.ncbi.nlm.nih.gov/pubmed/18066432)

Wiernsperger N, Nivoit P, **Bouskela** E.

Anais da Academia Brasileira de Ciências 2007 Dec;79(4):617-38. Review.

**96.** [Microcirculation and the metabolic syndrome.](http://www.ncbi.nlm.nih.gov/pubmed/17613811)

Wiernsperger N, Nivoit P, De Aguiar LG, **Bouskela** E.

Microcirculation. 2007 Jun-Jul;14(4-5):403-38. Review.

**97.** [Substitution of drinking water by fructose solution induces hyperinsulinemia and hyperglycemia in hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/17589675)

Barros CM, Lessa RQ, Grechi MP, Mouço TL, Souza Md, Wiernsperger N, **Bouskela** E.

Clinics (São Paulo). 2007 Jun;62(3):327-34.

**98.** [Improved instrumentation for blood flow velocity measurements in the microcirculation of small animals.](http://www.ncbi.nlm.nih.gov/pubmed/17578129)

Alves de Mesquita J Jr, **Bouskela** E, Wajnberg E, Lopes de Melo P.

Review of Scientific Instrumentation 2007 Feb;78(2):024303.

**99.** [Evaluation of the effects of caffeine in the microcirculation and edema on thighs and buttocks using the orthogonal polarization spectral imaging and clinical parameters.](http://www.ncbi.nlm.nih.gov/pubmed/17524126)

Lupi O, Semenovitch IJ, Treu C, Bottino D, **Bouskela** E.

Journal of Cosmetic Dermatology 2007 Jun;6(2):102-7.

**100.** Microcirculation in diabetes: implications for chronic complications and treatment of the disease.

Aguiar LG, Villela NR, **Bouskela** E.

Arquivos Brasileiros de Endocrinologia & Metabologia 2007 Mar;51(2):204-11. Review. Portuguese.

**101.** [Alpha-phenyl-N-tert-butyl nitrone (PBN) derivatives: synthesis and protective action against microvascular damages induced by ischemia/reperfusion.](http://www.ncbi.nlm.nih.gov/pubmed/17379527)

Kim S, de A Vilela GV, Bouajila J, Dias AG, Cyrino FZ, **Bouskela** E, Costa PR, Nepveu F.

Bioorganic Medical Chemistry 2007 May 15;15(10):3572-8. Epub 2007 Feb 22.

**102.** [Metformin improves skin capillary reactivity in normoglycaemic subjects with the metabolic syndrome.](http://www.ncbi.nlm.nih.gov/pubmed/17263761)

Kraemer de Aguiar LG, Laflor CM, Bahia L, Villela NR, Wiernsperger N, Bottino DA, **Bouskela** E.

Diabetic Medicine 2007 Mar;24(3):272-9.

**103.** [Longchain n-3 polyunsaturated fatty acids and microvascular reactivity: observation in the hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/17196224)

Conde CM, Cyrino FZ, Bottino DA, Gardette J, **Bouskela** E.

Microvascular Research 2007 May;73(3):237-47.

**104.** [Adiponectin is associated with improvement of endothelial function after rosiglitazone treatment in non-diabetic individuals with metabolic syndrome.](http://www.ncbi.nlm.nih.gov/pubmed/17084402)

Bahia L, Aguiar LG, Villela N, Bottino D, Godoy-Matos AF, Geloneze B, Tambascia M, **Bouskela** E.

Atherosclerosis. 2007 Nov;195(1):138-46.

**105.** [Relationship between adipokines, inflammation, and vascular reactivity in lean controls and obese subjects with metabolic syndrome.](http://www.ncbi.nlm.nih.gov/pubmed/17072441)

Bahia L, Aguiar LG, Villela N, Bottino D, Godoy-Matos AF, Geloneze B, Tambascia M, **Bouskela** E.

Clinics (São Paulo). 2006 Oct;61(5):433-40.

**106.** [Nailfold videocapillaroscopy in primary Sjögren's syndrome.](http://www.ncbi.nlm.nih.gov/pubmed/17067982)

Aguiar T, Furtado E, Dorigo D, Bottino D, **Bouskela** E.

Angiology. 2006 Oct-Nov;57(5):593-9.

**107.** [Cooperative activation of TLR2 and bradykinin B2 receptor is required for induction of type 1 immunity in a mouse model of subcutaneous infection by Trypanosoma cruzi.](http://www.ncbi.nlm.nih.gov/pubmed/17056563)

Monteiro AC, Schmitz V, Svensjo E, Gazzinelli RT, Almeida IC, Todorov A, de Arruda LB, Torrecilhas AC, Pesquero JB, Morrot A, **Bouskela** E, Bonomo A, Lima AP, Müller-Esterl W, Scharfstein J.

Journal of Immunology 2006 Nov 1;177(9):6325-35.

**108.** [Characterization of cardiopulmonary function and cardiac muscarinic and adrenergic receptor density adaptation in C57BL/6 mice with chronic Trypanosoma cruzi infection.](http://www.ncbi.nlm.nih.gov/pubmed/16978452)

Rocha NN, Garcia S, Giménez LE, Hernández CC, Senra JF, Lima RS, Cyrino F, **Bouskela** E, Soares MB, Ribeiro dos Santos R, Campos de Carvalho AC.

Parasitology. 2006 Dec;133(Pt 6):729-37.

**109.** [Obstructive sleep apnea and insulin resistance: a role for microcirculation?](http://www.ncbi.nlm.nih.gov/pubmed/16832559)

Wiernsperger N, Nivoit P, **Bouskela** E.

Clinics (São Paulo). 2006 Jun;61(3):253-66. Review.

**110.** The endothelium in the metabolic syndrome.

Bahia L, de Aguiar LG, Villela NR, Bottino D, **Bouskela** E.

Arquivos Brasileiros de Endocrinologia & Metabologia 2006 Apr;50(2):291-303. Epub 2006 May 23. Review. Portuguese. Erratum in: Arq Bras Endocrinol Metabol. 2006 Jun;50(3):574.

**111.** Effects of rosiglitazone on endothelial function in non-diabetic subjects with metabolic syndrome.

Bahia L, Aguiar LG, Villela N, Bottino D, Godoy-Matos AF, **Bouskela** E.

Arquivos Brasileiros de Cardiologia 2006 May;86(5):366-73. Epub 2006 May 29. Portuguese.

**112.** [Use of microcirculatory parameters to evaluate chronic venous insufficiency.](http://www.ncbi.nlm.nih.gov/pubmed/16678701)

Virgini-Magalhães CE, Porto CL, Fernandes FF, Dorigo DM, Bottino DA, **Bouskela** E.

Journal of Vascular Surgery 2006 May;43(5):1037-44.

**113.** [Metformin improves endothelial vascular reactivity in first-degree relatives of type 2 diabetic patients with metabolic syndrome and normal glucose tolerance.](http://www.ncbi.nlm.nih.gov/pubmed/16644641)

de Aguiar LG, Bahia LR, Villela N, Laflor C, Sicuro F, Wiernsperger N, Bottino D, **Bouskela** E.

Diabetes Care. 2006 May;29(5):1083-9.

**114.** [Does endothelial dysfunction correlate better with waist-to-hip ratio than with body mass index or waist circumference among obese patients?](http://www.ncbi.nlm.nih.gov/pubmed/16532226)

Villela NR, Aguiar LG, Bahia L, Bottino D, **Bouskela** E.

Clinics (São Paulo). 2006 Feb;61(1):53-8.

**115.** [Nailfold videocapillaroscopy in patients with systemic lupus erythematosus.](http://www.ncbi.nlm.nih.gov/pubmed/16180000)

Dancour MA, Vaz JL, Bottino DA, **Bouskela** E.

Rheumatology International 2006 May;26(7):633-7.

**116.** [Nailfold videocapillaroscopy in primary antiphospholipid syndrome (PAPS).](http://www.ncbi.nlm.nih.gov/pubmed/15187240)

Vaz JL, Dancour MA, Bottino DA, **Bouskela** E.

Rheumatology (Oxford). 2004 Aug;43(8):1025-7.

**117.** [Micronization enhances the protective effect of purified flavonoid fraction against postischaemic microvascular injury in the hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/15008958)

Cyrino FZ, Bottino DA, Lerond L, **Bouskela** E.

Clinical & Experimental Pharmacology and Physiology 2004 Mar;31(3):159-62.

**118.** [Microcirculation in insulin resistance and diabetes: more than just a complication.](http://www.ncbi.nlm.nih.gov/pubmed/14502104)

Wiernsperger NF, **Bouskela** E.

Diabetes Metabolism 2003 Sep;29(4 Pt 2):6S77-87. Review.

**119.** [Protective effect of imidazolopyrazinone antioxidants on ischemia/reperfusion injury.](http://www.ncbi.nlm.nih.gov/pubmed/12639551)

Arrault A, Dubuisson M, Gharbi S, Marchand C, Verbeuren T, Rupin A, Cordi A, **Bouskela** E, Rees JF, Marchand-Brynaert J.

Bioorganic Medical Chemistry Letter 2003 Feb 24;13(4):653-6.

**120.** [Effects of sulfonylureas on K(ATP) channel-dependent vasodilation.](http://www.ncbi.nlm.nih.gov/pubmed/12623162)

Cyrino FZ, Bottino DA, Coelho FC, Ravel D, **Bouskela** E.

Journal of Diabetes Complications. 2003 Mar-Apr;17(2 Suppl):6-10.

**121.** [Differential effects of sulphonylureas on the vasodilatory response evoked by K(ATP) channel openers.](http://www.ncbi.nlm.nih.gov/pubmed/12588631)

Ravel D, Levens N, Félétou M, Néliat G, Auclair J, **Bouskela** E.

Fundamental Clinical Pharmacology 2003 Feb;17(1):61-9.

**122.** [Effects of cromakalim and glibenclamide on arteriolar and venular diameters and macromolecular leakage in the microcirculation during ischemia/reperfusion.](http://www.ncbi.nlm.nih.gov/pubmed/11862112)

Simões C, Svensjö E, **Bouskela** E.

Journal of Cardiovascular Pharmacology 2002 Mar;39(3):340-6.

**123.** [Effects of L-NA and sodium nitroprusside on ischemia/reperfusion-induced leukocyte adhesion and macromolecular leakage in hamster cheek pouch venules.](http://www.ncbi.nlm.nih.gov/pubmed/11516241)

Simões C, Svensjö E, **Bouskela** E.

Microvascular Research 2001 Sep;62(2):128-35.

**124.** [Effects of Ringer-acetate and Ringer-dextran solutions on the microcirculation after LPS challenge: observations in the hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/11220645)

de Carvalho H, Dorigo D, **Bouskela** E.

Shock. 2001 Feb;15(2):157-62.

**125.** [Regulation of adhesion molecules: a new target for the treatment of chronic venous insufficiency.](http://www.ncbi.nlm.nih.gov/pubmed/11151971)

Verbeuren TJ, **Bouskela** E, Cohen RA, Vanhoutte PM.

Microcirculation. 2000;7(6 Pt 2):S41-8. Review.

**126.** [Vascular permeability increase as induced by histamine or bradykinin is enhanced by advanced glycation endproducts (AGEs).](http://www.ncbi.nlm.nih.gov/pubmed/10616857)

Svensjö E, Cyrino F, Michoud E, Ruggiero D, **Bouskela** E, Wiernsperger N.

Journal of Diabetes Complications. 1999 Jul-Aug;13(4):187-90.

**127.** [Leukocyte adhesion after oxidant challenge in the hamster cheek pouch microcirculation.](http://www.ncbi.nlm.nih.gov/pubmed/10474046)

**Bouskela** E, Cyrino FZ, Lerond L.

Journal of Vascular Research 1999;36 Suppl 1:11-4.

**128.** [Vascular permeability increase and plasma volume loss induced by endotoxin was attenuated by hypertonic saline with or without dextran.](http://www.ncbi.nlm.nih.gov/pubmed/10468055)

de Carvalho H, Matos JA, **Bouskela** E, Svensjö E.

Shock. 1999 Jul;12(1):75-80.

**129.** [Nailfold capillaroscopy in hypothyroidism and hyperthyroidism: blood flow velocity during rest and postocclusive reactive hyperemia.](http://www.ncbi.nlm.nih.gov/pubmed/9631893)

Pazos-Moura CC, Moura EG, Breitenbach MM, **Bouskela** E.

Angiology. 1998 Jun;49(6):471-6.

**130.** [Antipermeability effects of Cyclo 3 Fort in hamsters with moderate diabetes.](http://www.ncbi.nlm.nih.gov/pubmed/9502536)

Svensjö E, **Bouskela** E, Cyrino FZ, Bougaret S.

Clinical Hemorheology and Microcirculation 1997 Sep-Oct;17(5):385-8.

**131.** [Effects of Cyclo 3 Fort on microvascular reactivity and the venoarteriolar reflex in diabetic hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/9502532)

**Bouskela** E, Cyrino FZ, Bougaret S.

Clinical Hemorheology and Microcirculation 1997 Sep-Oct;17(5):351-6.

**132.** [Activation of thromboxane receptors and the induction of vasomotion in the hamster cheek pouch microcirculation.](http://www.ncbi.nlm.nih.gov/pubmed/9384501)

Verbeuren TJ, Vallez MO, Lavielle G, **Bouskela** E.

British Journal of Pharmacology 1997 Nov;122(5):859-66.

**133.** [Microvascular permeability with sulfonylureas in normal and diabetic hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/9439555)

**Bouskela** E, Cyrino FZ, Conde CM, Garcia AA.

Metabolism. 1997 Dec;46(12 Suppl 1):26-30.

**134.** [Effects of oral administration of different doses of purified micronized flavonoid fraction on microvascular reactivity after ischaemia/reperfusion in the hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/9422805)

**Bouskela** E, Cyrino FZ, Lerond L.

British Journal of Pharmacology 1997 Dec;122(8):1611-6.

**135.** [Effects of diaspirin-cross-linked hemoglobin (DCLHb) on the microcirculation of striated skin muscle in the hamster: a study on safety and toxicity.](http://www.ncbi.nlm.nih.gov/pubmed/9341992)

Nolte D, Botzlar A, Pickelmann S, **Bouskela** E, Messmer K.

Journal of Laboratory Clinical and Medicine 1997 Sep;130(3):314-27.

**136.** [Effects of a calcium antagonist and of the adrenergic system on spontaneous vasomotion and mean arteriolar diameter in the hamster cheek pouch: influence of buflomedil.](http://www.ncbi.nlm.nih.gov/pubmed/9378566)

**Bouskela** E, Cyrino FZ.

International Journal of Microcirculation: Clinical and Experimental 1997 Jul-Aug;17(4):164-74.

**137.** [Effects of insulin and the combination of insulin plus metformin (glucophage) on microvascular reactivity in control and diabetic hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/9194536)

**Bouskela** E, Cyrino FZ, Wiernsperger N.

Angiology. 1997 Jun;48(6):503-14.

**138.** [Effects of oral administration of purified micronized flavonoid fraction on increased microvascular permeability induced by various agents and on ischemia/reperfusion in the hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/9158383)

**Bouskela** E, Donyo KA.

Angiology. 1997 May;48(5):391-9.

**139.** [Oxidant-induced increase in vascular permeability is inhibited by oral administration of S-5682 (Daflon 500 mg) and alpha-tocopherol.](http://www.ncbi.nlm.nih.gov/pubmed/9477040)

**Bouskela** E, Svensjö E, Cyrino FZ, Lerond L.

International Journal of Microcirculation: Clinical and Experimental 1997;17 Suppl 1:18-20.

**140.** [Microvascular reactivity after ischemia/reperfusion in the hamster cheek pouch: beneficial effects of different oral doses of S-5682 (Daflon 500 mg).](http://www.ncbi.nlm.nih.gov/pubmed/8995341)

**Bouskela** E, Cyrino FZ, Lerond L.

Angiology. 1997 Jan;48(1):33-7.

**141.** [Effects of oral administration of purified micronized flavonoid fraction on increased microvascular permeability induced by various agents and on ischemia/reperfusion in diabetic hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/8721438)

**Bouskela** E, Donyo KA.

International Journal of Microcirculation: Clinical and Experimental 1995 Nov-Dec;15(6):293-300.

**142.** [Effects of iloprost, a stable prostacyclin analog, and its combination with NW-nitro-L-arginine on early events following lipopolysaccharide injection: observations in the hamster cheek pouch microcirculation.](http://www.ncbi.nlm.nih.gov/pubmed/8847177)

**Bouskela** E, Rubanyi GM.

International Journal of Microcirculation: Clinical and Experimental 1995 Jul-Aug;15(4):170-80.

**143.** [Influence of cerebrovascular sympathetic, parasympathetic, and sensory nerves on autoregulation and spontaneous vasomotion.](http://www.ncbi.nlm.nih.gov/pubmed/7572208)

Morita Y, Hardebo JE, **Bouskela** E.

Acta Physiologica Scandinavica 1995 Jun;154(2):121-30.

**144.** [Effects of Daflon 500 mg on increased microvascular permeability in normal hamsters.](http://www.ncbi.nlm.nih.gov/pubmed/8748885)

**Bouskela** E, Donyo KA, Verbeuren TJ.

International Journal of Microcirculation: Clinical and Experimental 1995;15 Suppl 1:22-6.

**145.** [Effects of buflomedil on spontaneous vasomotion and mean arteriolar internal diameter in the hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/7918919)

**Bouskela** E, Cyrino FZ.

Journal of Vascular Research 1994 Sep-Oct;31(5):287-94.

**146.** [Influence of cerebrovascular parasympathetic nerves on resting cerebral blood flow, spontaneous vasomotion, autoregulation, hypercapnic vasodilation and sympathetic vasoconstriction.](http://www.ncbi.nlm.nih.gov/pubmed/7836692)

Morita Y, Hardebo JE, **Bouskela** E.

Journal of Autonomic Nervous System 1994 Sep;49 Suppl:S9-14.

**147.** [The role of nitric oxide in the cerebrovascular flow response to stimulation of postganglionic parasympathetic nerves in the rat.](http://www.ncbi.nlm.nih.gov/pubmed/7530736)

Morita Y, Hardebo JE, **Bouskela** E.

Journal of Autonomic Nervous System 1994 Sep;49 Suppl:S77-81.

**148.** [Possible mechanisms for the inhibitory effect of Ruscus extract on increased microvascular permeability induced by histamine in hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/7526061)

**Bouskela** E, Cyrino FZ, Marcelon G.

Journal of Cardiovascular Pharmacology 1994 Aug;24(2):281-5.

**149.** [Possible mechanisms for the venular constriction elicited by Ruscus extract on hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/7521482)

**Bouskela** E, Cyrino FZ, Marcelon G.

Journal of Cardiovascular Pharmacology 1994 Jul;24(1):165-70.

**150.** [In memoriam Curt Arne Wiederhielm (1923-1993).](http://www.ncbi.nlm.nih.gov/pubmed/8084295)

Bassett JE, **Bouskela** E, Johnson PC, Scher A, Slaaf DW, Zweifach BW.

Microvascular Research 1994 May;47(3):285-92.

**151.** [Effects of NW-nitro-L-arginine and dexamethasone on early events following lipopolysaccharide injection: observations in the hamster cheek pouch microcirculation.](http://www.ncbi.nlm.nih.gov/pubmed/7743337)

**Bouskela** E, Rubanyi GM.

Shock. 1994 May;1(5):347-53.

**152.** [Morphometric analysis of the anastomosing arteriolar network in cat sartorius muscle.](http://www.ncbi.nlm.nih.gov/pubmed/7960441)

Torres Filho IP, Cyrino FZ, Popel AS, **Bouskela** E, Johnson PC.

International Journal of Microcirculation: Clinical and Experimental 1994 Jan-Apr;14(1-2):3-13.

**153.** [Inhibition of nitric oxide synthase attenuates the cerebral blood flow response to stimulation of postganglionic parasympathetic nerves in the rat.](http://www.ncbi.nlm.nih.gov/pubmed/7691856)

Morita-Tsuzuki Y, Hardebo JE, **Bouskela** E.

Journal of Cerebral Blood Flow & Metabolism 1993 Nov;13(6):993-7.

**154.** [Interaction between cerebrovascular sympathetic, parasympathetic and sensory nerves in blood flow regulation.](http://www.ncbi.nlm.nih.gov/pubmed/8399987)

Morita-Tsuzuki Y, Hardebo JE, **Bouskela** E.

Journal of Vascular Research 1993 Sep-Oct;30(5):263-71.

**155.** [Effects of nitric oxide synthesis blockade and angiotensin II on blood flow and spontaneous vasomotion in the rat cerebral microcirculation.](http://www.ncbi.nlm.nih.gov/pubmed/8213199)

Morita-Tsuzuki Y, **Bouskela** E, Hardebo JE.

Acta Physiolica Scandinavica 1993 Aug;148(4):449-54.

**156.** [Inhibitory effect of the Ruscus extract and of the flavonoid hesperidine methylchalcone on increased microvascular permeability induced by various agents in the hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/7692162)

**Bouskela** E, Cyrino FZ, Marcelon G.

Journal of Cardiovascular Pharmacology 1993 Aug;22(2):225-30.

**157.** [Effects of Ruscus extract on the internal diameter of arterioles and venules of the hamster cheek pouch microcirculation.](http://www.ncbi.nlm.nih.gov/pubmed/7692161)

**Bouskela** E, Cyrino FZ, Marcelon G.

Journal of Cardiovascular Pharmacology 1993 Aug;22(2):221-4.

**158.** [Effects of two vasodilatory phosphodiesterase inhibitors on bradykinin-induced permeability increase in the hamster cheek pouch.](http://www.ncbi.nlm.nih.gov/pubmed/8285138)

Svensjö E, Andersson KE, **Bouskela** E, Cyrino FZ, Lindgren S.

Agents and Actions. 1993 May;39(1-2):35-41.

**159.** [Vasomotion in the rat cerebral microcirculation recorded by laser-Doppler flowmetry.](http://www.ncbi.nlm.nih.gov/pubmed/1492561)

Morita-Tsuzuki Y, **Bouskela** E, Hardebo JE.

Acta Physiologica Scandinavica 1992 Dec;146(4):431-9.

**160.** [Spontaneous vasomotion in hamster cheek pouch arterioles in varying experimental conditions.](http://www.ncbi.nlm.nih.gov/pubmed/1539706)

**Bouskela** E, Grampp W.

American Journal of Physiology 1992 Feb;262(2 Pt 2):H478-85.

**161.** [Effects of hypertonic NaCl solution on microvascular haemodynamics in normo- and hypovolaemia.](http://www.ncbi.nlm.nih.gov/pubmed/2275408)

**Bouskela** E, Grampp W, Mellander S.

Acta Physiologica Scandinavica 1990 Sep;140(1):85-94.

**162.** [Nailfold capillaroscopy in non-insulin dependent diabetes mellitus: blood flow velocity during rest and post-occlusive reactive hyperaemia.](http://www.ncbi.nlm.nih.gov/pubmed/2245595)

Pazos-Moura CC, Moura EG, **Bouskela** E, Torres Filho IP, Breitenbach MM.

Clinical Physiology 1990 Sep;10(5):451-61.

**163.** [Shape and orientation of arterial loops in cat sartorius muscle.](http://www.ncbi.nlm.nih.gov/pubmed/2394550)

Torres Filho IP, Popel AS, Johnson PC, Cyrino FZ, **Bouskela** E.

International Journal of Microcirculation: Clinical and Experimental 1990 Aug;9(3):297-302.

**164.** [Microcirculatory responses in cat sartorius muscle to hemorrhagic hypotension.](http://www.ncbi.nlm.nih.gov/pubmed/2589517)

Torres Filho IP, Boegehold MA, **Bouskela** E, House SD, Johnson PC.

American Journal of Physiology 1989 Nov;257(5 Pt 2):H1647-55.

**165.** [Vasomotion frequency and amplitude related to intraluminal pressure and temperature in the wing of the intact, unanesthetized bat.](http://www.ncbi.nlm.nih.gov/pubmed/2733605)

**Bouskela** E.

Microvascular Research 1989 May;37(3):339-51.

**166.** [Effects of hypertonic NaCl solution on the hamster cheek pouch microcirculation in normo- and hypovolemia.](http://www.ncbi.nlm.nih.gov/pubmed/2790297)

**Bouskela** E, Grampp W, Mellander S.

Brazilian Journal of Medical and Biological Research 1989;22(2):259-64.

**167.** [Distensibility of capillaries in the bat wing.](http://www.ncbi.nlm.nih.gov/pubmed/2641923)

**Bouskela** E, Wiederhielm CA.

Blood Vessels. 1989;26(6):325-34.

**168.** [A new scheme for hierarchical classification of anastomosing vessels.](http://www.ncbi.nlm.nih.gov/pubmed/3372136)

Popel AS, Torres Filho IP, Johnson PC, **Bouskela** E.

International Journal of Microcirculation: Clinical and Experimental 1988 Mar;7(2):131-8.

**169.** [Nailfold capillaroscopy in diabetes mellitus: morphological abnormalities and relationship with microangiopathy.](http://www.ncbi.nlm.nih.gov/pubmed/3455257)

Pazos-Moura CC, Moura EG, **Bouskela** E, Torres-Filho IP, Breitenbach MM.

Brazilian Journal of Medical and Biological Research 1987;20(6):777-80.

**170.** [A method for varying arterial and venous pressures in intact, unanesthetized mammals.](http://www.ncbi.nlm.nih.gov/pubmed/481242)

Wiederhielm CA, **Bouskela** E, Heald R, Black L.

Microvascular Research 1979 Jul;18(1):124-8. No abstract available.

**171.** [Microvascular myogenic reaction in the wing of the intact unanesthetized bat.](http://www.ncbi.nlm.nih.gov/pubmed/464071)

**Bouskela** E, Wiederhielm CA.

American Journal of Physiology 1979 Jul;237(1):H59-65.

**172.** [D-, L-, and 2-deoxy-D-glucose uptakes in the isolated blood perfused dog hearts.](http://www.ncbi.nlm.nih.gov/pubmed/387026)

Kuikka J, **Bouskela** E, Bassingthwaighte J.

Bibliotheca Anatomica 1979;(18):239-42. No abstract available.

**173.** [Transcoronary intravascular transport functions in dog hearts.](http://www.ncbi.nlm.nih.gov/pubmed/339905)

Bassingthwaighte JB, King R, **Bouskela** E, Williams D, Holloway GA Jr.

Bibliotheca Anatomica 1977;(15 Pt 1):48-52. No abstract available.