

PUBLICATION LIST

Original articles (peer-reviewed journals):

Lavallard V, Armanet M, Parnaud G, Meyer J, Barbieux C, Montanari E, **Meier R**, Morel P, Berney T, Bosco D.

Cell rearrangement in transplanted human islets.

FASEB J. 2015 Nov 3. pii: fj.15-273805. [Epub ahead of print]

Impact factor (5-year): 5.043

Meier R, Toso C, Terraz S, Breguet R, Berney T, Andres A, Jannot AS, Rubbia-Brandt L, Morel P, Mentha G, Majno P

Improved liver function after portal vein embolization and elective right hepatectomy

HPB (Oxford). 2015 Sep 8.

Impact factor (5-year): 3.018

Lejmi E, Perriraz N, Clément S, Morel P, Baertschiger R, Christofilopoulos P, **Meier R**, Bosco D, Bühler L, Gonelle-Gispert C

Inflammatory chemokines MIP-1delta and MIP-3alpha are involved in the migration of multipotent mesenchymal stromal cells induced by hepatoma cells

Stem Cells and Development. 2015 May 15;24(10):1223-35.

Impact factor (5-year): 4.570

Meier R, Mahou R, Meyer, J, Montanari, E, Morel P, Muller Y, Christofilopoulos P, Wandrey C, Gonelle-Gispert C, Bühler L

Encapsulated human mesenchymal stem cells decrease liver fibrosis in mice

Journal of Hepatology. 2015 Mar;62(3):634-41.

Impact factor (5-year): 9.557

Giovannoni L, Muller Y, Lacotte S, Parnaud G, Borot S, **Meier R**, Lavallard V, Bédard B, Toso C, Daubeuf B, Elson G, Shang L, Morel P, Kosco-Vilbois M, Bosco D, Berney T

Enhancement of islet engraftment and achievement of long-term islet allograft survival by toll-like receptor 4 blockade

Transplantation. 2015 Jan;99(1):29-35.

Impact factor (5-year): 3.689

Meier R, Oulhaci-de Saussure W, Orci LA, Gutzwiller E, Morel P, Ris F, Schwenter F

Clinical Outcome in Acute Small Bowel Obstruction after Surgical or Conservative Management

World J Surg. 2014 Dec;38(12):3082-8.

Impact factor (5-year): 2.751

Meier R, Sert I, Morel P, Muller YD, Borot S, Badet L, Toso C, Bosco D, Berney T. Islet of Langerhans isolation from pediatric and juvenile donor pancreases.

Transpl Int. 2014 May 29.

Impact factor (5-year): 2.943

Meier R, Seebach JD, Morel P, Mahou R, Borot S, Giovannoni L, Parnaud G, Montanari E, Bosco D, Wandrey C, Berney T, Bühler LH, Muller YD.

Survival of free and encapsulated human and rat islet xenografts transplanted into the mouse bone marrow.

PLoS One. 2014 Mar 13;9(3):e91268. eCollection 2014.

Impact factor (5-year): 4.244

Mahou R, **Meier R**, Bühler L, Wandrey C.

Alginate-Poly(ethylene glycol) Hybrid Microspheres for Primary Cell Microencapsulation.

Materials 2014, 7(1), 275-286.

Impact factor (5-year): 2.338

Orci LA, **Meier R**, Morel P, Staszewicz W, Toso C.

Systematic review and meta-analysis of percutaneous subclavian vein puncture versus surgical venous cutdown for the insertion of a totally implantable venous access device.

Br J Surg. 2013 Nov 26.

Impact factor (5-year): 4.956

Borot S, Crowe LA, Parnaud G, Ris F, **Meier R**, Giovannoni L, Müller YD, Lacotte S, Morel P, Toso C, Bosco D, Vallee JP, Berney T.

Quantification of Islet Loss and Graft Functionality During Immune Rejection by 3-Tesla MRI in a Rat Model.

Transplantation. 2013 Jul 30.

Impact factor (5-year): 3.689

Meier R, Lorenzini KI, Uebelhart B, Stern R, Peter RE, Rizzoli R.

Atypical femoral fracture following bisphosphonate treatment in a woman with osteogenesis imperfecta—a case report.

Acta Orthop. 2012 Sep 24.

Impact factor (5-year): 2.541

Meier R, Perneger TV, Stern R, Rizzoli R, Peter RE.

Increasing Occurrence of Atypical Femoral Fractures Associated With Bisphosphonate Use.

Arch Intern Med. 2012 Jun 25;172(12):930-6.

Impact factor (5-year): 11.000

Parnaud G, Gonelle-Gispert C, Morel P, Giovannoni L, Muller YD, **Meier R**, Borot S, Berney T, Bosco D.

Cadherin Engagement Protects Human beta-Cells from Apoptosis.

Endocrinology. 2011 Oct 11.

Impact factor (5-year): 4.620

Lorenzo PI, Jimenez Moreno CM, Delgado I, Cobo-Vuilleumier N, **Meier R**, Gomez-Izquierdo L, Berney T, Garcia-Carbonero R, Rojas A, Gauthier BR.

Immunohistochemical assessment of Pax8 expression during pancreatic islet development and in human neuroendocrine tumors.

Histochem Cell Biol. 2011 Sep 20.

Impact factor (5-year): 3.039

Borot S, Niclauss N, Wojtuszczyz A, Brault C, Demuylder-Mischler S, Müller Y, Giovannoni L, Parnaud G, **Meier R**, Badet L, Bayle F, Frimat L, Kessler L, Morelon E, Penfornis A, Thivolet C, Toso C, Morel P, Bosco D, Colin C, Benhamou PY, Berney T; on behalf of the GRAGIL Network.

Impact of the Number of Infusions on 2-Year Results of Islet-After-Kidney Transplantation in the GRAGIL Network.

Transplantation. 2011 Sep 16.

Impact factor (5-year): 3.689

Muller YD, Golshayan D, Ehirchiou D, Wyss JC, Giovannoni L, **Meier R**, Serre-Beinier V, Puga Yung G, Morel P, Bühler LH, Seebach JD.

Immunosuppressive effects of streptozotocin-induced diabetes result in absolute lymphopenia and a relative increase of T regulatory cells.

Diabetes. 2011 Sep;60(9):2331-40.

Impact factor (5-year): 8.301

Ris F, Niclauss N, Morel P, Demuylder-Mischler S, Muller Y, **Meier R**, Genevay M, Bosco D, Berney T. Islet autotransplantation after extended pancreatectomy for focal benign disease of the pancreas.

Transplantation. 2011 Apr 27;91(8):895-901.

Impact factor (5-year): 3.689

Niclauss N, Bosco D, Morel P, Demuylder-Mischler S, Brault C, Milliat-Guittard L, Colin C, Parnaud G, Muller YD, Giovannoni L, **Meier R**, Toso C, Badet L, Benhamou PY, Berney T.

Influence of donor age on islet isolation and transplantation outcome.

Transplantation. 2011 Feb 15;91(3):360-6.

Impact factor (5-year): 3.689

Meier R, Toso C, Volonte F, Mentha G.

Splenic rupture after a colonoscopy.

Am J Emerg Med. 2011 Feb;29(2):241.e1-2.

Impact factor (5-year): 1.797

Review articles (peer-reviewed journals):

Meier R, Navarro-Alvarez N, Morel P, Schuurman HJ, Strom S, Bühler LH.

Current status of hepatocyte xenotransplantation.

Int J Surg. 2015 Sep 9.

Impact factor (5-year): 1.804

Meier R, Muller YD, Morel P, Gonelle-Gispert C, Bühler LH.

Transplantation of mesenchymal stem cells for the treatment of liver diseases, is there enough evidence?

Stem Cell Research, 2013 Nov;11(3):1348-64.

Impact factor (5-year): 4.760

Book chapter

Meier R, Montanari E, Morel P, Pimenta J, Schuurman HJ, Wandrey C, Gerber-Lemaire S, Mahou R, Bühler L

Microencapsulation of Hepatocytes and Mesenchymal Stem Cells for Therapeutic Applications

P. Stock and Christ B. (eds.), *Methods in Molecular Biology, Hepatocyte Transplantation* (Accepted)

Niclauss N, **Meier R**, Bédard B, Berishvili E, Berney T.

Beta-Cell Replacement: Pancreas and Islet Cell Transplantation.

Stettler C, Christ E, Diem P (eds): Novelties in Diabetes. Endocr Dev. Basel, Karger 2016, vol 31, pp 146–162.

Editorials (peer-reviewed journals):

Muller YD, **Meier R**, Bromberg JS, Bühler LH.

Literature Watch: implications for transplantation; Blastocyst Complementation for Chimeras for Xenotransplantation.

Am J Transplant. 2013 Jun;13(6):1377.

Impact factor (5-year): 6.025

Letters (peer-reviewed journals):

Meier R, Rizzoli R, Peter RE.

Are bisphosphonates associated with an increased risk of atypical femoral fractures as a class?-Reply.

JAMA Intern Med. 2013 Jan 14;173(1):80.

Impact factor (5-year): 11.000

Original articles (invited article):

Mahou R, Kollarikova G, Gonelle-Gispert C, **Meier R**, Schmitt F, Tran N, Dufresne M, Lacik I, Bühler L, Juillerat-Jeanneret L, Legallais C, Christine Wandrey C

Combined Electrostatic and Covalent Polymer Networks for Cell Microencapsulation

Macromol. Symp. 2013

Review articles (non peer-reviewed journals):

Meier R, Sun P, Gerber-Lemaire S, Berney T, Bühler L, Muller Y

Islet transplantation into the bone marrow

Cell R⁴ 2016; accepted

Balaphas A, Belfontali V, Ris F, Lanitis A, **Meier R**, Amram ML, Roth A, Huber O, Berney T, Morel P

Prise en charge de la carcinose péritonéale par chirurgie cytoréductive et chimiothérapie hyperthermique intrapéritonéale

Rev Med Suisse. 2016; ahead of print

Raffoul T, Balaphas A, **Meier R**, Hansen C, Puppa G, Frossard JL, Morel P, Bühler L

Les lésions kystiques du pancréas sous l'angle du médecin de premier recours.

Rev Med Suisse. 2016; ahead of print

Meier R, Montanari E, Morel P, Bühler L

Thérapies cellulaires: l'avenir de la transplantation d'organes ?

Swiss Medical Forum. Dec 2015.

Meier R, Muller Y, Gutzwiller E, Spahr L, Negro F, Krause KH, Schaller K, Wandrey C, Sgroi A, Morel P, Bühler L

Transplantation cellulaire : traitements actuels et perspectives d'avenir

Rev Med Suisse. 2014 Jun 18;10(435):1350-55.

Meier R, Berney T, Morel P, Toso C, Müller Y

Transplantation d'îlots de Langerhans: avancées récentes et perspectives d'avenir

Swiss knife. 2014; 1, 14-15

Mahou R, **Meier R**, Gonelle-Gispert C, Müller Y, Bühler L, Wandrey C

Engineering polymer hydrogels for MSC immobilization and transplantation

European Cells and Materials Vol. 26. Suppl. 4, 2013 (page 11)

Lorenzini KI, **Meier R**, Suva D, Dayer P, Desmeules J, Peter R.

Atypical femoral fracture associated with the use of bisphosphonates, an adverse drug reaction not to be missed.

Rev Med Suisse. 2012 Jun 6;8(344):1238-42.

Schwenter F, Dominguez S, **Meier R**, Ouhaci-de Saussure W, Platon A, Gervaz P, Morel P.

Acute small bowel obstruction : conservative or surgical treatment?

Rev Med Suisse. 2011;7:1341-1347.