

## Publications 2017

[Increased postprandial glucagon-like peptide-1 \(GLP-1\) production after endoscopic gastrointestinal bypass using the Cousin lumen-apposing stent in a porcine model.](#)

Caiazzo R, Branche J, Daoudi M, Solecki G, Hubert T, Quenon A, Raverdy V, Cousin F, Henin F, Dalle V, Noel S, Vanbiervliet G, Barthet M, **Pattou F**.  
Endoscopy. 2018 Jan;50(1):14-21. doi: 10.1055/s-0043-120439. Epub **2017** Dec 1.

[Interleukin-33-Activated Islet-Resident Innate Lymphoid Cells Promote Insulin Secretion through Myeloid Cell Retinoic Acid Production.](#)

Dalmas E, Lehmann FM, Dror E, Wueest S, Thienel C, Borsigova M, Stawiski M, Traunecker E, Lucchini FC, Dapito DH, Kallert SM, Guigas B, **Pattou F**, Kerr-Conte J, Maechler P, Girard JP, Konrad D, Wolfrum C, Böni-Schnetzler M, Finke D, Donath MY.  
Immunity. **2017** Nov 21;47(5):928-942.e7. doi: 10.1016/j.immuni.2017.10.015.

[Does intraoperative neuromonitoring of recurrent nerves have an impact on the postoperative palsy rate? Results of a prospective multicenter study.](#)

Mirallié É, Caillard C, **Pattou F**, Brunaud L, Hamy A, Dahan M, Prades M, Mathonnet M, Landecy G, Dernis HP, Lifante JC, Sebag F, Jegoux F, Babin E, Bizon A, Espitalier F, Durand-Zaleski I, Volteau C, Blanchard C.  
Surgery. 2018 Jan;163(1):124-129. doi: 10.1016/j.surg.2017.03.029. Epub **2017** Nov 8.

[Insulin secretion in response to high extracellular calcium is not a pathognomonic feature of insulinoma cells.](#)

Henquin JC, **Pattou F**, Nenquin M.  
Diabetes Metab. **2017** Oct 30. pii: S1262-3636(17)30481-0. doi: 10.1016/j.diabet.2017.07.008. [Epub ahead of print] No abstract available.

[The RBM14/CoAA-interacting, long intergenic non-coding RNA Para1 regulates adipogenesis and coactivates the nuclear receptor PPAR \$\gamma\$ .](#)

Firmin FF, Oger F, Gheeraert C, Dubois-Chevalier J, Vercoutter-Edouart AS, Alzaid F, Mazuy C, Dehondt H, Alexandre J, Derudas B, Dhalluin Q, Ploton M, Berthier A, Woittrain E, Lefebvre T, Venticlef N, **Pattou F**, Staels B, Eeckhoutte J, Lefebvre P.  
Sci Rep. **2017** Oct 26;7(1):14087. doi: 10.1038/s41598-017-14570-y.

[Purity of islet preparations and 5-year metabolic outcome of allogenic islet transplantation.](#)

Benomar K, Chetboun M, Espiard S, Jannin A, Le Mapihan K, Gmyr V, Caiazzo R, Torres F, Raverdy V, Bonner C, D'Herbomez M, Pigny P, Noel C, Kerr-Conte J, **Pattou F**, Vantyghem MC.  
Am J Transplant. 2018 Apr;18(4):945-951. doi: 10.1111/ajt.14514. Epub **2017** Nov 11.

[The tumour suppressor CDKN2A/p16INK4a regulates adipogenesis and bone marrow-dependent development of perivascular adipose tissue.](#)

Wouters K, Deleye Y, Hannou SA, Vanhoutte J, Maréchal X, Coisne A, Tagzirt M, Derudas B, Bouchaert E, Duhem C, Vallez E, Schalkwijk CG, **Pattou F**, Montaigne D, Staels B, Paumelle R.  
Diab Vasc Dis Res. **2017** Nov;14(6):516-524. doi: 10.1177/1479164117728012. Epub **2017** Sep 2.

[Determinants of operative time in thyroid surgery: A prospective multicenter study of 3454 thyroidectomies.](#)

Patoir A, Payet C, Peix JL, Colin C, Pascal L, Kraimps JL, Menegaux F, **Pattou F**, Sebag F, Touzet S, Bourdy S, Lifante JC, Duclos A; CATHY Study Group.  
PLoS One. **2017** Jul 27;12(7):e0181424. doi: 10.1371/journal.pone.0181424.  
eCollection **2017**.

[Erratum to: Laparoscopic adrenalectomy by transabdominal lateral approach: 20 years of experience.](#)

Coste T, Caiazza R, Torres F, Vantighem MC, Carnaille B, Do Cao C, Douillard C, **Pattou F**.  
Surg Endosc. **2017** Jul;31(7):2752. doi: 10.1007/s00464-017-5437-9. No abstract available.

[Expression and functional assessment of candidate type 2 diabetes susceptibility genes identify four new genes contributing to human insulin secretion.](#)

Ndiaye FK, Ortalli A, Canouil M, Huyvaert M, Salazar-Cardozo C, Lecoeur C, Verbanck M, Pawlowski V, Boutry R, Durand E, Rabearivelo I, Sand O, Marselli L, Kerr-Conte J, Chandra V, Scharfmann R, Poulain-Godefroy O, Marchetti P, **Pattou F**, Abderrahmani A, Froguel P, Bonnefond A.  
Mol Metab. **2017** Apr 8;6(6):459-470. doi: 10.1016/j.molmet.2017.03.011.  
eCollection **2017** Jun.

[Comparison of fluid balance and hemodynamic and metabolic effects of sodium lactate versus sodium bicarbonate versus 0.9% NaCl in porcine endotoxic shock: a randomized, open-label, controlled study.](#)

Duburcq T, Durand A, Dessein AF, Vamecq J, Vienne JC, Dobbelaere D, Mention K, Douillard C, Maboudou P, Gmyr V, **Pattou F**, Jourdain M, Tamion F, Poissy J, Mathieu D, Favory R.  
Crit Care. **2017** May 19;21(1):113. doi: 10.1186/s13054-017-1694-1.

[Performance of 18F-FDG PET/CT in the Characterization of Adrenal Masses in Noncancer Patients: A Prospective Study.](#)

Guerin C, **Pattou F**, Brunaud L, Lifante JC, Mirallié E, Haissaguerre M, Huglo D, Olivier P, Houzard C, Ansquer C, Hindié E, Loundou A, Archange C, Tabarin A, Sebag F, Baumstarck K, Taïeb D.  
J Clin Endocrinol Metab. **2017** Jul 1;102(7):2465-2472. doi: 10.1210/jc.2017-00254.

[Long-term Follow-up of MEN1 Patients Who Do Not Have Initial Surgery for Small  \$\leq 2\$  cm Nonfunctioning Pancreatic Neuroendocrine Tumors, an AFCE and GTE Study: Association Francophone de Chirurgie Endocrinienne & Groupe d'Etude des Tumeurs Endocrines.](#)

Triponez F, Sadowski SM, **Pattou F**, Cardot-Bauters C, Mirallié E, Le Bras M, Sebag F, Niccoli P, Deguelle S, Cadiot G, Poncet G, Lifante JC, Borson-Chazot F, Chaffanjon P, Chabre O, Menegaux F, Baudin E, Ruzsniowski P, Du Boullay H, Goudet P.  
Ann Surg. **2017** Mar 15. doi: 10.1097/SLA.0000000000002191. [Epub ahead of print]

[Relationship between salivary/pancreatic amylase and body mass index: a systems biology approach.](#)

Bonnefond A, Yengo L, Dechaume A, Canouil M, Castelain M, Roger E, Allegaert F, Caiazza R, Raverdy V, Pigeyre M, Arredouani A, Borys JM, Lévy-Marchal C, Weill J, Roussel R, Balkau B, Marre M, **Pattou F**, Brousseau T, Froguel P.  
BMC Med. **2017** Feb 23;15(1):37. doi: 10.1186/s12916-017-0784-x.

[Randomised, prospective, medico-economic nationwide French study of islet transplantation in patients with severely unstable type 1 diabetes: the STABILOT study protocol.](#)

Lablanche S, David-Tchouda S, Margier J, Schir E, Wojtuszczyzn A, Borot S, Kessler L, Morelon E, Thivolet C, **Pattou F**, Vantyghem MC, Berney T, Benhamou PY.  
BMJ Open. **2017** Feb 20;7(2):e013434. doi: 10.1136/bmjopen-2016-013434.

[Foxa2, a novel protein partner of the tumour suppressor menin, is deregulated in mouse and human MEN1 glucagonomas.](#)

Bonnaivon R, Teinturier R, Gherardi S, Leteurtre E, Yu R, Cordier-Bussat M, Du R, **Pattou F**, Vantyghem MC, Bertolino P, Lu J, Zhang CX.  
J Pathol. **2017** May;242(1):90-101. doi: 10.1002/path.4885. Epub **2017** Mar 27.

[Decreased STARD10 Expression Is Associated with Defective Insulin Secretion in Humans and Mice.](#)

Carrat GR, Hu M, Nguyen-Tu MS, Chabosseu P, Gaulton KJ, van de Bunt M, Siddiq A, Falchi M, Thurner M, Canouil M, **Pattou F**, Leclerc I, Pullen TJ, Cane MC, Prabhala P, Greenwald W, Schulte A, Marchetti P, Ibberson M, MacDonald PE, Manning Fox JE, Gloyn AL, Froguel P, Solimena M, McCarthy MI, Rutter GA.  
Am J Hum Genet. **2017** Feb 2;100(2):238-256. doi: 10.1016/j.ajhg.2017.01.011.  
Epub **2017** Jan 26.

[Roux-en-Y gastric bypass increases systemic but not portal bile acid concentrations by decreasing hepatic bile acid uptake in minipigs.](#)

Chávez-Talavera O, Baud G, Spinelli V, Daoudi M, Kouach M, Goossens JF, Vallez E, Caiazzo R, Ghunaim M, Hubert T, Lestavel S, Tailleux A, Staels B, **Pattou F**.  
Int J Obes (Lond). **2017** Apr;41(4):664-668. doi: 10.1038/ijo.2017.7. Epub **2017** Jan 17.

[Postprandial macrophage-derived IL-1 \$\beta\$  stimulates insulin, and both synergistically promote glucose disposal and inflammation.](#)

Dror E, Dalmas E, Meier DT, Wueest S, Thévenet J, Thienel C, Timper K, Nordmann TM, Traub S, Schulze F, Item F, Vallois D, **Pattou F**, Kerr-Conte J, Lavallard V, Berney T, Thorens B, Konrad D, Böni-Schnetzler M, Donath MY.  
Nat Immunol. **2017** Mar;18(3):283-292. doi: 10.1038/ni.3659. Epub **2017** Jan 16.

[Bile and sodium trafficking in the biliary limb after Roux-en-Y gastric bypass.](#)

Marciniak C, Baud G, Raverdy V, Zubiaga L, Daoudi M, Hubert T, Caiazzo R, **Pattou F**.  
Surgery. **2017** May;161(5):1461-1462. doi: 10.1016/j.surg.2016.08.028. Epub **2017** Jan 4. No abstract available.

[Human Pancreatic  \$\beta\$  Cell lncRNAs Control Cell-Specific Regulatory Networks.](#)

Akerman I, Tu Z, Beucher A, Rolando DMY, Sauty-Colace C, Benazra M, Nakic N, Yang J, Wang H, Pasquali L, Moran I, Garcia-Hurtado J, Castro N, Gonzalez-Franco R, Stewart AF, Bonner C, Piemonti L, Berney T, Groop L, Kerr-Conte J, **Pattou F**, Argmann C, Schadt E, Ravassard P, Ferrer J.  
Cell Metab. **2017** Feb 7;25(2):400-411. doi: 10.1016/j.cmet.2016.11.016. Epub 2016 Dec 29.

[Hepatic DPP4 DNA Methylation Associates With Fatty Liver.](#)

Baumeier C, Saussenthaler S, Kammel A, Jähnert M, Schlüter L, Hesse D, Canouil M, Lobbens S, Caiazzo R, Raverdy V, **Pattou F**, Nilsson E, Pihlajamäki J, Ling C, Froguel P, Schürmann A, Schwenk RW.  
Diabetes. **2017** Jan;66(1):25-35. doi: 10.2337/db15-1716. Epub 2016 Oct 10.

[Human Recombinant Antithrombin \(ATryn®\) Administration Improves Survival and Prevents Intravascular Coagulation After Intraportal Islet Transplantation in a Piglet Model.](#)

Gmyr V, Bonner C, Moerman E, Tournoy A, Delalleau N, Quenon A, Thevenet J, Chetboun M, Kerr-Conte J, **Pattou F**, Hubert T, Jourdain M.  
Cell Transplant. **2017** Feb 16;26(2):309-317. doi: 10.3727/096368916X693554. Epub 2016 Oct 27.

[Long-Term GABA Administration Induces Alpha Cell-Mediated Beta-like Cell Neogenesis.](#)

Ben-Othman N, Vieira A, Courtney M, Record F, Gjernes E, Avolio F, Hadzic B, Druelle N, Napolitano T, Navarro-Sanz S, Silvano S, Al-Hasani K, Pfeifer A, Lacas-Gervais S, Leuckx G, Marroquí L, Thévenet J, Madsen OD, Eizirik DL, Heimberg H, Kerr-Conte J, **Pattou F**, Mansouri A, Collombat P.  
Cell. **2017** Jan 12;168(1-2):73-85.e11. doi: 10.1016/j.cell.2016.11.002. Epub 2016 Dec 1.

[Can we consider immediate complications after thyroidectomy as a quality metric of operation?](#)

Lifante JC, Payet C, Ménégau F, Sebag F, Kraimps JL, Peix JL, **Pattou F**, Colin C, Duclos A; CATHY Study Group.  
Surgery. **2017** Jan;161(1):156-165. doi: 10.1016/j.surg.2016.04.049. Epub 2016 Nov 17.

[Surgery for recurrent adrenocortical carcinoma: A multicenter retrospective study.](#)

Simon G, **Pattou F**, Mirallié E, Lifante JC, Nominé C, Arnault V, de Calan L, Caillard C, Carnaille B, Brunaud L, Laplace N, Caiazzo R, Blanchard C.  
Surgery. **2017** Jan;161(1):249-256. doi: 10.1016/j.surg.2016.08.058. Epub 2016 Nov 14.

[Laparoscopic adrenalectomy by transabdominal lateral approach: 20 years of experience.](#)

Coste T, Caiazzo R, Torres F, Vantyghem MC, Carnaille B, Do Cao C, Douillard C, **Pattou F**.  
Surg Endosc. **2017** Jul;31(7):2743-2751. doi: 10.1007/s00464-016-4830-0. Epub 2016 Nov 10. Erratum in: [Surg Endosc. 2017 Jul;31\(7\):2752.](#)

[Impact of Intra-gastric Balloon Before Laparoscopic Gastric Bypass on Patients with Super Obesity: a Randomized Multicenter Study.](#)

Coffin B, Maunoury V, **Pattou F**, Hébuterne X, Schneider S, Coupaye M, Ledoux S, Iglicki F, Mion F, Robert M, Disse E, Escourrou J, Tuyeras G, Le Roux Y, Arvieux C, Poudroux P, Hutten N, Alfaiate T, Hajage D, Msika S.  
Obes Surg. **2017** Apr;27(4):902-909. doi: 10.1007/s11695-016-2383-x.

[Renal Function and Remission of Hypertension After Bariatric Surgery: a 5-Year Prospective Cohort Study.](#)

Neff KJ, Baud G, Raverdy V, Caiazzo R, Verkindt H, Noel C, le Roux CW, **Pattou F**.