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CURRICULUM VITAE

CURSUS UNIVERSITAIRE

- 1996 : Diplôme inter universitaire de pédagogie : Université Louis Pasteur de Strasbourg
- 1995 : Habilitation à diriger des Recherches : Université Louis Pasteur de Strasbourg
- 1993-1994 : Chargée d'enseignement à la Faculté de Médecine
- 1992 : Médecin chercheur à temps partiel au sein du CEED « Systèmes cellulaires et biologiques de production et d'administration hormonale »
- 1991 : Diplôme d'Etudes Approfondies de biologie moléculaire et cellulaire, option Immunologie (mention AB) : Université Louis Pasteur de Strasbourg, « Marqueurs de classe III du complexe majeur d'histocompatibilité : Rôle dans l'étiopathogénie et dans l'évaluation des facteurs de risque du diabète insulino-dépendant de type 1 »
- 1989 : Spécialiste en Endocrinologie, Diabétologie, Maladies Métaboliques
- 1988 : Foreign Medical Graduate Examination in the Medical Sciences and ECFMG English Test
- 1987 : Doctorat de médecine : Hôpitaux Universitaires de Strasbourg, « La pompe à LHRH administration pulsatile de GnRH et induction d'ovulation »
- 1978-1984 : Etudes Médicales : CHU de Nice

TITRES HOSPITALIERS ET HOSPITALO-UNIVERSITAIRES

- 2013 : Chef du Service d'Endocrinologie, Diabète et Nutrition, Pôle MIRNED – CHRU de Strasbourg
- 2008 : Coordonnateur du Centre de Compétence Adulte des Maladies Endocriniennes Rares – Strasbourg
- 1994-1997 : Praticien Hospitalier – Universitaire : Service d'Endocrinologie et Maladies Métaboliques – CHRU Strasbourg (Pr Réville)
- 1993-1994 : Attachée des Hôpitaux Universitaires de Strasbourg : Service d'Endocrinologie et Maladies Métaboliques – CHU Strasbourg (Pr Réville)
- 1989-1993 : Chef de Clinique des Universités- Assistant des Hôpitaux Universitaires de Strasbourg : Service d'Endocrinologie et Maladies Métaboliques – CHU Strasbourg (Pr Réville)
- 1988-1989 : Research Fellow, University of California, Irvine, USA : Diabetes Research Center (Pr Charles)
- 1985-1989 : Interne DES des Hôpitaux Universitaires de Strasbourg
- 1984-1985 : Interne « indifférencié » des Hôpitaux Universitaires de Nice (gynécologie obstétrique)

APPARTENANCE A DES SOCIETES SAVANTES

- 2006 : Membre de l'European Society of Endocrinology
- 2004 : Membre de la Société Française d'Endocrinologie
- 2006-2010 : Membre de l'EASD
- 1990 : Membre fondateur de l'EVADIAC (Evaluation dans le diabète du traitement par Implants Actifs).
- 1992 : Membre de l'ALFEDIAM puis de la Société Francophone pour le Diabète

ACTIVITES DE RECHERCHE

Subventions obtenues pour des projets de recherche :

- 2019 : Bourse AMI projet Diabet-e
- 2018 : Bourse GHT projet Diabet-e
- 2013 : Etude ancillaire PHRC interrégional 4965 diabgest
- 2012 : Etude sur le Liraglutide et amélioration de la fonction des îlots (Br J Pharmacol 2016)

Appartenance à une structure de Recherche labellisée :

- 2019 : Rattachée au Laboratoire de Neurosciences du Dr Simonneaux CNRS UPR-3212 Strasbourg
- 2012 : Membre de l'équipe de recherche universitaire DIATHEC EA 7294 (Directeur Dr Sigris/Dr Boussakri) Strasbourg
- 2008-2012 : Membre de l'équipe du laboratoire de recherche CEED sur le diabète

Direction/animation d'une équipe de recherche :

- Collaboration avec chercheurs DIATHEC :
 - Voie intrapéritonéale (S Dal, S Sigris)
 - High fat diet, stress oxydant, diabète gestationnel (S Dal)
 - Thématique sur l'apport pharmacologique sur la fonction des îlots (A Langlois)
 - Ilots greffe et pancras bioartificiel (E Pedracini)

PUBLICATIONS SCIENTIFIQUES

Franco S, Hanaire H, Benhamou PY, Schaepleynck P, Catargi B, Farret A, Fontaine P, Guerci B, Reznik Y, **Jeandidier N**, Penfornis A, Borot S, Chaillous L, Serusclat P, Kherbachi Y, d'Orsay G, Detournay B, Simon P, Charpentier G.

DIABEO System Combining a Mobile App Software with and without Telemonitoring versus Standard Care: A Randomized Controlled Trial in Diabetic Patients Poorly Controlled with a Basal-Bolus Insulin Regimen.

Diabetes Technol Ther. 2020 May 14. doi: 10.1089/dia.2020.0021. [Epub ahead of print]

Bahougne T, Kretz M, Angelopoulou E, **Jeandidier N**, Simonneaux V.

Impact of Circadian Disruption on Female Mice Reproductive Function.

Endocrinology. 2020 Apr 1;161(4). pii: bqaa028. doi: 10.1210/endo/bqaa028. (IF 3.8)

Magisson J, Sassi A, Kobalyan A, Burcez CT, Bouaoun R, Vix M, **Jeandidier N**, Sigris S.

A fully implantable device for diffuse insulin delivery at extraperitoneal site for physiological treatment of type 1 diabetes.

J Control Release. 2020 Apr 10;320:431-441. doi: 10.1016/j.jconrel.2020.01.055. (IF 7.9)

Andrès E, Meyer L, Zulfiqar AA, Hajjam M, Talha S, Bahougne T, Ervé S, Hajjam J, Doucet J, **Jeandidier N**, Hajjam El Hassani A.

Telemonitoring in diabetes: evolution of concepts and technologies, with a focus on results of the more recent studies.

J Med Life. 2019 Jul-Sep;12(3):203-214. doi: 10.25122/jml-2019-0006. Review. (IF 1.34)

Gastric Electrical Stimulation Reduces Refractory Vomiting in a Randomized Crossover Trial.

Ducrotte P, Coffin B, Bonaz B, Fontaine S, Bruley Des Varannes S, Zerbib F, Caiazzo R, Grimaud JC, Mion F, Hadjadj S, Valensi PE, Vuitton L, Charpentier G, Ropert A, Altwegg R, Poudroux P, Dorval E, Dapoigny M, Duboc H, Benhamou PY, Schmidt A, Donnadiou N, Gourcerol G, Guerci B; ENTERRA Research Group.

Gastroenterology. 2020 Feb;158(3):506-514.e2. doi: 10.1053/j.gastro.2019.10.018. (IF 5.13)

Bahougne T, Angelopoulou E, **Jeandidier N**, Simonneaux V.

Individual evaluation of luteinizing hormone in aged C57BL/6 J female mice.

Geroscience. 2020 Feb;42(1):323-331. doi: 10.1007/s11357-019-00104-z. (IF 6.44)

Hanaire H, Franc S, Borot S, Penfornis A, Benhamou PY, Schaepelynck P, Renard E, Guerci B, **Jeandidier N**, Simon C, Hannaert P, Xhaard I, Doron M, Huneker E, Charpentier G, Reznik Y.

Efficacy of the Diabeloop closed-loop system to improve glycaemic control in patients with type 1 diabetes exposed to gastronomic dinners or to sustained physical exercise.

Diabetes Obes Metab. 2020 Mar;22(3):324-334. doi: 10.1111/dom.13898. (IF 6.13)

Richard T, Issa R, Andres E, Gourieux B, **Jeandidier N**, Michel B.

Iatrogenic hypoglycemia-related hospital admissions identified through databases: economic burden and causes.

Int J Clin Pharm. 2019 Oct;41(5):1159-1165. doi: 10.1007/s11096-019-00877-5. (IF 1.69)

Haddouche A, Bellanne-Chantelot C, Rod A, Fournier L, Chiche L, Gautier JF, Timsit J, Laboureau S, Chaillous L, Valero R, Larger E, **Jeandidier N**, Wilhelm JM, Popelier M, Guillausseau PJ, Thivolet C, Lecomte P, Benhamou PY, Reznik Y.

Liver Adenomatosis in Patients with HNF1A-Mody Diabetes: Clinical, Radiological and Pathological Characteristics in a French Series.

J Diabetes. 2019 Jun 5 doi: 10.1111/1753-0407.12959 (IF 7.27)

Fiot E, Zénaty D, Boizeau P, Haignere J, Dos Santos S, Léger J; French Turner Syndrome Study Group.

X chromosome gene dosage as a determinant of congenital malformations and of age-related comorbidity risk in patients with Turner syndrome, from childhood to early adulthood.

Eur J Endocrinol. 2019 Jun 1;180(6):397-406. doi: 10.1530/EJE-18-0878. (IF 5.10)

Joubert M, Benhamou PY, Schaepelinck P, Hanaier H, Catagi B, Farret A, Fontaine P, Guerci B, Reznok Y, **Jeandidier N**, Penfornis A, Borot S, Chaillous L, Franc S, Serusclat P, Kherbachi Y, Baviere E, Detournay B, Simon P, Charpentier G.

Remote monitoring of diabetes : a cloud –connected digital system for individuals with diabetes and their health care providers.

J Diabetes Sci Technol 2019 Mar 12: 'E pub ahead of print) (IF 1.78)

Pierre-Yves Benhamou, Sylvia Franc, MD; Yves Reznik, MD, PhD; Charles Thivolet, MD, PhD; Pauline Schaepelynck, MD; Eric Renard, MD, PhD; Bruno Guerci, MD, PhD; Lucy Chaillous, MD; Celine Lukas Croisier, MD; **Nathalie Jeandidier, MD, PhD**; Helene Hanaire, MD, PhD; Sophie Borot, MD, PhD; Maeva Doron, PhD; Pierre Jallon, PhD; Ilham Xhaard, PhD; Vincent Melki, MD; Laurent Meyer, MD; Brigitte Delemer, MD, PhD; Marie Guillouche, MD; Laurene Schoumacker Ley, MD; Anne Farret, MD; Denis Raccach, MD, PhD; Sandrine Lablanche, MD, PhD; Michael Joubert, MD, PhD; Alfred Penfornis, MD, PhD; Guillaume Charpentier, MD

Closed loop insulin delivery in adults with type 1 diabetes in real life conditions: a multicentre, 12-week randomised crossover trial

The Lancet Digital Health published may 2019 (IF 11.6)

Andrès E, **Jeandidier N**, Meyer L, Bahougne T, Zulfiqar, Talha S, Hajjam M, Hajjam El Hassani A.
Currents technologies at the service of the diabetic patients: State of the art.
Diabetes Updates 2019; 5: 1-7. doi: 10.15761/DU.1000122 (IF 1.48)

Andrès E, Meyer L, Zulfiqar AA, Hajjam M, Talha S, Ervé S, Hajjam J, Bahougne T, Doucet J, **Jeandidier N**, Hajjam El Hassani A.
Current Research on Telemonitoring In Patients with Diabetes Mellitus: A Short Pragmatic Narrative Review. Trends Telemed E-Health 2019; 1(3). TTEH.000513. (IF 1.79)

Vitellius G, Trabado S, Hoeffel C, Bouligand J, Bennet A, Castinetti F, Decoudier B, Guiochon-Mantel A, Lombes M, Delemer B; investigators of the MUTA-GR Study.
Significant prevalence of *NR3C1* mutations in incidentally discovered bilateral adrenal hyperplasia: results of the French MUTA-GR Study.
Eur J Endocrinol. 2018 Apr;178(4):411-423. doi: 10.1530/EJE-17-1071. (IF 4.3)

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Oxid Med Cell Longev. 2018 Sep 30;2018:7019573. doi:10.1155/2018/7019573. (IF 4.9)

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35^e Congrès de la Société française d'endocrinologie (SFE) Nancy 2018.
Ann Endocrinol (Paris). 2018 Sep;79(4):191. doi: 10.1016/j.ando.2018.06.002. Epub 2018 Jul 23. No abstract available.

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Practical implementation, education and interpretation guidelines for continuous glucose monitoring: A French position statement.
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Bauduceau B, Le Floch JP, Halimi S, Verny C, Doucet J; SFD/SFGG Intergroup.
Cardiovascular Complications Over 5 Years and Their Association With Survival in the GERODIAB Cohort of Elderly French Patients With Type 2 Diabetes.
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Cardiovasc Diabetol. 2018 Jul 20;17(1):104. doi: 10.1186/s12933-018-0744-6 (IF 5.2)

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Personalization of a compartmental physiological model for an artificial pancreas through integration of patient's state estimation.

Conf Proc IEEE Eng Med Biol Soc. 2017 Jul;2017:1453-1456. doi: 10.1109/EMBC.2017.8037108 (IF 1.21)

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Comparison of Perfluorodecalin and HEMOXCell as Oxygen Carriers for Islet Oxygenation in an In Vitro Model of Encapsulation.

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Vivot K, Benahmed MA, Seyfritz E, Bietiger W, Elbayed K, Ruhland E, Langlois A, Maillard E, Pinget M, **Jeandidier N**, Gies JP, Namer IJ, Sigrist S, Reix N.

A Metabolomic Approach (1H HRMAS NMR Spectroscopy) Supported by Histology to Study Early Post-transplantation Responses in Islet-transplanted Livers.

Int J Biol Sci. 2016 Sep 14;12(10):1168-1180. (IF 3.87)

Langlois A, Dal S, Vivot K, Mura C, Seyfritz E, Bietiger W, Dollinger C, Peronet C, Maillard E, Pinget M, **Jeandidier N**, Sigrist S.

Improvement of islet graft function using liraglutide is correlated with its anti-inflammatory properties.

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Schaschkow A, Mura C, Dal S, Langlois A, Seyfritz E, Sookhareea C, Bietiger W, Peronet C, **Jeandidier N**, Pinget M, Sigrist S, Maillard E.

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J Diabetes Res. 2016;2016:8310516. doi: 10.1155/2016/8310516. (IF 2.71)

Langlois A, Mura C, Bietiger W, Seyfritz E, Dollinger C, Peronet C, Maillard E, Pinget M, **Jeandidier N**, Sigrist S.

In Vitro and In Vivo Investigation of the Angiogenic Effects of Liraglutide during Islet Transplantation.

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High-fructose and high-fat diet-induced disorders in rats: impact on diabetes risk, hepatic and vascular complications.

Nutr Metab (Lond). 2016 Feb 25;13:15. doi: 10.1186/s12986-016-0074-1.(IF 2.97)

Riddle MC, Bolli GB, Home PD, Bergenstal RM, Ziemien M, Muehlen-Bartmer I, Wardecki M, Vinet L, **Jeandidier N**, Yki-Järvinen H.

Efficacy and Safety of Flexible Versus Fixed Dosing Intervals of Insulin Glargine 300 U/mL in People with Type 2 Diabetes.

Diabetes Technol Ther. 2016 Apr;18(4):252-7. doi: 10.1089/dia.2015.0290 (IF 2.92)

Rodriguez-Brotos A, Bietiger W, Peronet C, Magisson J, Sookhareea C, Langlois A, Mura C, **Jeandidier N**, Pinget M, Sigrist S, Maillard E.

Impact of Pancreatic Rat Islet Density on Cell Survival during Hypoxia.
J Diabetes Res. 2016;2016:3615286. doi: 10.1155/2016/3615286.(IF 2.71)

Fiot E, Zenaty D, Boizeau P, Haigneré J, Dos Santos S, Léger J; French Turner Syndrome Study Group.

X-chromosome gene dosage as a determinant of impaired pre and postnatal growth and adult height in Turner syndrome.

Eur J Endocrinol. 2016 Mar;174(3):281-8. doi: 10.1530/EJE-15-1000. (IF 4.10)

Doucet JA, Bauduceau B, Le Floch JP, Verny C; SFD/SFGG Intergroup

Medical treatments of elderly, French patients with type 2 diabetes: results at inclusion in the GERODIAB Cohort.

Fundam Clin Pharmacol. 2016 Feb;30(1):76-81. doi: 10.1111/fcp.12160. (IF 2.31)

Auberval N, Dal S, Bietiger W, Seyfritz E, Peluso J, Muller C, Zhao M, Marchioni E, Pinget M, **Jeandidier N**, Maillard E, Schini-Kerth V, Sigrist S.

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Evid Based Complement Alternat Med. 2015;2015:859048. doi: 10.1155/2015/859048. (IF 1.93)

Dal S, **Jeandidier N**, Seyfritz E, Bietiger W, Péronet C, Moreau F, Pinget M, Maillard E, Sigrist S.

Featured Article: Oxidative stress status and liver tissue defenses in diabetic rats during intensive subcutaneous insulin therapy.

Exp Biol Med (Maywood). 2016 Jan;241(2):184-92. doi: 10.1177/1535370215603837. (IF 2.68)

Dal S, **Jeandidier N**, Seyfritz E, Bietiger W, Péronet C, Moreau F, Pinget M, Maillard E, Sigrist S

Oxidative stress status and liver tissue defenses in diabetic rats during intensive subcutaneous insulin therapy.

Exp Biol Med (Maywood). 2015 Sep 18.(IF 2.54)

Gaertner S, **Jeandidier N**, Glasser L, Ohl J, Trinh A, Stephan D.

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Clin Endocrinol (Oxf). 2015 Aug 25. (IF 3.48)

Dal S, **Jeandidier N**, Schaschkow A, Spizzo AH, Seyfritz E, Sookhareea C, Bietiger W, Péronet C, Moreau F, Pinget M, Maillard E, Sigrist S.

Portal or subcutaneous insulin infusion: efficacy and impact on liver inflammation.

Fundam Clin Pharmacol. 2015 Oct;29(5):488-98. doi: 10.1111/fcp.12129. (IF 2.15)

A, Julien David D, Zhao M, Pinget M, **Jeandidier N**, Vauthier C, Marchioni E, Frere Y, Sigrist S. Diop M, Auberval N, Viciglio A, Langlois A, Bietiger W, Mura C, Peronet C, Bekel

Design, characterisation, and bioefficiency of insulin-chitosan nanoparticles after stabilisation by freeze-drying or cross-linking.

Int J Pharm. 2015 Aug 1;491(1-2):402-8. doi:10.1016/j.ijpharm.2015.05.065 (IF 3.99)

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Impact of an autologous oxygenating matrix culture system on rat islet transplantation outcome.

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Strasbourg, le 10/11/2020

N Jeandidier