NAME Cornec-Le Gall Emilie	POSITION TITLE MD, PhD	

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	MM/YY	FIELD OF STUDY
Lycée Charles de Foucauld, Brest	High School graduation	06/2000	*Sciences*
Brest Medical School, France	Master Degree in medical Ethics	06/2004	
Brest Medical School, France	Completion of general medical studies	06/2006	
Brest Medical School, France	Master Degree in Immunology	06/2008	*General immunology and Auto-immune disorders*
Brest Medical School, France	Master Degree in Biochemistry	06/2008	
Brest Medical School, France	Master in Molecular Genetics	06/2009	*Genomics, Molecular Genetics & Biotechnology*
Residency Training, Brest teaching Hospital & Necker teaching Hospital	Medical Degree	11/2011	
Brest Medical School, France	Certification in Nephrology	10/2011	
Brest Medical School, France	Certification in Medical Education	10/2014	
Brest Medical School, France, Molecular Genetics INSERM 1078	PhD	07/2015	*Human Genetics*

Positions and Employment

- 2015-now : Post-Doctoral Research Fellow, Mayo Clinic, Rochester MN, USA
- 2013-2015: Senior Nephrologist and Teaching Assistant in Brest Medical School
- 2011-2013: Senior Nephrologist in Hemodialysis unit and in Clinical Nephrology Unit
- 2006-2011: Clinical Training, Resident in Brest Teaching Hospital, Brest, and Necker Teaching Hospital, Paris

Other Experience and Professional Memberships

- Since 2016: Board member of the Young Nephrologists Platform
- Since 2015: Representative of the competence centers of the Orphan Kidney Diseases Group
- Since 2014: Member of the ERA-EDTA association's Young Nephrologists Platform
- Since 2014: Member of the American Society of Nephrology
- Since 2012: Member of the scientific committee of the French Young Nephrologists society

Honors

- 2015 : Stanley Sheldon Award for Best Young European Investigator by ERA-EDTA
- 2015 : Recipient of a Fellowship from the American Society of Nephrology
- 2015 : Recipient of a grant from the Fulbright organization

- 2014 : Awarded by the Paper Selection Committee of the European Renal Association-European Dialysis Transplant Association (ERA-EDTA), Amsterdam 2014 as one of the 8 best abstracts
- 2013 : Best Young Investigator Award, French Kidney Foundation
- 2012 : Awarded by the Paper Selection Committee of the European Renal Association-European Dialysis Transplant Association (ERA-EDTA), Paris 2012 as one of the best abstracts by young authors
- 2012: Best poster presentation, French Nephrology Society, Geneva, Switzerland
- 2010: Best oral presentation by resident in nephrology, French Nephrology Society, Brussels

Peer-reviewed Publications

- Porath B, Gainullin VG, **Cornec-Le Gall E**, Dillinger EK, Heyer CM, Hopp K, Edwards ME, Madsen CD, Mauritz SR, Banks CJ, Baheti S, Reddy B, Herrero JI, Bañales JM, Hogan MC, Tasic V, Watnick TJ, Chapman AB, Vigneau C, Lavainne F, Audrézet MP, Ferec C, Le Meur Y, Torres VE; Genkyst Study Group, HALT Progression of Polycystic Kidney Disease Group; Consortium for Radiologic Imaging Studies of Polycystic Kidney Disease, Harris PC. Mutations in GANAB, Encoding the Glucosidase IIα Subunit, Cause Autosomal-Dominant Polycystic Kidney and Liver Disease. Am J Hum Genet. 2016 Jun 2;98(6):1193-207
- **Cornec-Le Gall E**, Le Meur Y Can Ultrasound Kidney Length qualify as an early predictor Of progression to renal insufficiency in Autosomal Dominant Polycystic Kidney Disease? [In reply to Bhutani] Kidney Int, In Press
- **Cornec-Le Gall E**, Audrézet MP, Rousseau A, Hourmant M, Renaudineau E, Charasse C, Morin MP, Moal MC, Dantal J, Wehbe B, Perrichot R, Frouget T, Vigneau C, Potier J, Jousset P, Guillodo MP, Siohan P, Terki N, Sawadogo T, Legrand D, Menoyo-Calonge V, Benarbia S, Besnier D, Longuet H, Férec C, Le Meur Y. The PROPKD Score: A New Algorithm to Predict Renal Survival in Autosomal Dominant Polycystic Kidney Disease. J Am Soc Nephrol. 2015 Jul 6. pii: ASN.2015010016. [Epub ahead of print].
- Audrézet MP, Corbiere C, Lebbah S, Morinière V, Broux F, Louillet F, Fischbach M, Zaloszyc A, Cloarec S, Merieau E, Baudouin V, Deschênes G, Roussey G, Maestri S, Visconti C, Boyer O, Abel C, Lahoche A, Randrianaivo H, Bessenay L, Mekahli D, Ouertani I, Decramer S, Ryckenwaert A, **Cornec-Le Gall E**, Salomon R, Ferec C, Heidet L. Comprehensive PKD1 and PKD2 Mutation Analysis in Prenatal Autosomal Dominant Polycystic Kidney Disease. J Am Soc Nephrol. 2015 Jul 2. pii: ASN.2014101051. [Epub ahead of print]
- Guellec D, **Cornec-Le Gall E**, Groh M, Hachulla E, Karras A, Charles P, Dunogué B, Abad S, Alvarez F, Gérard F, Devauchelle-Pensec V, Pers JO, Puéchal X, Guillevin L, Saraux A, Cornec D; CRI (Club Rhumatismes et Inflammation) and the French Vasculitis Study Group. ANCA-associated vasculitis in patients with primary Sjögren's syndrome: detailed analysis of 7 new cases and systematic literature review. Autoimmun Rev. 2015 Aug;14(8):742-50.
- Zaidan M, Palsson R, Merieau E, **Cornec-Le Gall E**, Garstka A, Maggiore U, Deteix P, Battista M, Gagné ER, Ceballos-Picot I, Duong Van Huyen JP, Legendre C, Daudon M, Edvardsson VO, Knebelmann B. Recurrent 2,8-dihydroxyadenine nephropathy: a rare but preventable cause of renal allograft failure. Am J Transplant. 2014 Nov;14(11):2623-32. doi: 10.1111/ajt.12926. Epub 2014 Oct 10. PubMed PMID: 25307253; PubMed Central PMCID: PMC4560835.
- **Cornec-Le Gall E**, Audrézet MP, Meur YL, Chen JM, Férec C. Genetics and pathogenesis of autosomal dominant polycystic kidney disease: 20 years on. Hum Mutat. 2014 Dec;35(12):1393-406.

- Leven C, Hudier L, Picard S, Longuet H, Lorcy N, Cam G, Boukkerroucha Z, Dolley-Hitze T, Le Cacheux P, Halimi JM, **Cornec-Le Gall E**, Hanrotel C, Arreule A, Massad M, Duveau A, Couvrat-Desvergnes G, Renaudineau E [Prospective study of drug-induced allergic nephropathy in eleven French Nephrology Units]. Presse Med. 2014 Nov; 43(11):369-76.
- Zaidan M, Palsson R, Merieau E, **Cornec-Le Gall E**, Garstka A, Maggiore U, Deteix P, Battista M, Gagné ER, Ceballos-Picot I, Duong Van Huyen JP, Legendre C, Daudon M, Edvardsson VO, Knebelmann B. Recurrent 2,8-dihydroxyadenine nephropathy: a rare but preventable cause of renal allograft failure. Am J Transplant. 2014 Nov;14(11):2623-32
- **Cornec-Le Gall E,** Le Meur Y. Polycystic kidney disease: Kidney volume—a crystal ball for ADPKD prognosis? Nat Rev Nephrol. 2014 Sep;10(9):485-6.
- **Cornec-Le Gall E,** Le Meur Y. [Autosomal dominant polycystic kidney disease: Is the treatment for tomorrow?]. Nephrol Ther. 2014 Jul 30. pii: S1769-7255(14)00095-9.
- **Cornec-Le Gall E,** Delmas Y, De Parscau L, Doucet L, Ogier H, Benoist JF, Fremeaux-Bacchi V, Le Meur Y. Adult-onset eculizumab-resistant hemolytic uremic syndrome associated with cobalamin C deficiency. Am J Kidney Dis. 2014 Jan;63(1):119-23.
- **Cornec-Le Gall E,** Audrézet MP, Chen JM, Hourmant M, Morin MP, Perrichot R, Charasse C, Whebe B, Renaudineau E, Jousset P, Guillodo MP, Grall-Jezequel A, Saliou P, Férec C, Le Meur Y. Type of *PKD1* mutation influences renal outcome in ADPKD. J Am Soc Nephrol. 2013 May;24(6):1006-13.
- Audrézet MP, **Cornec-Le Gall E,** Chen JM, Redon S, Quéré I, Creff J, Bénech C, Maestri S, Le Meur Y, Férec C. Autosomal dominant polycystic kidney disease: comprehensive mutation analysis of *PKD1* and *PKD2* in 700 unrelated patients. Hum Mutat. 2012 Aug;33(8):1239-50.

Book chapters

- Traité de Néphrologie, Médecine Science, Flammarion, Section "Autosomal Dominant Polycystic Kidney Disease" [French], Emilie Cornec-Le Gall, Yannick Le Meur, (In Press)
- Traité de Néphrologie, Médecine-Sciences, Flammarion, Section« Cystic Kidney Diseases » [French] Emilie Cornec-Le Gall (In Press)
- Polycystic Kidney Disease, translating mechanisms into therapy, Springer Chapter "Polycystic Kidney Disease Genes and their proteins", Cornec-Le Gall E, Harris PC , Springer, (In Press)

Oral presentations

- **Emilie Cornec-Le Gall**, Marie-Pierre Audrézet, Eric Renaudineau, Maryvonne Hourmant, Christophe Charasse, Cécile Vigneau, Hélène Longuet, Frank Bridoux, Lise Mandart, Bassem Wehbe, Pascale Depraêtre, Genkyst Study Group, Claude Férec, Yannick Le Meur 'Should we consider ADPKD new targeted therapies in *PKD2* patients ? European Dialysis and Transplantation Association, Vienna, 2016

- **E Cornec-Le Gall**, E Renaudineau, A Kersalé, M Hourmant, MP Morin, P Jousset, B Wehbe, C Charasse, E Michez, C Férec, MP Audrézet, Y Le Meur *"Clinical presentation and mutation spectrum in PKD2 related ADPKD, results from the Genkyst Cohort"* French Nephrology Society, Nantes, 2014
- **E Cornec-Le Gall**, Maryvonne Hourmant, Marie-Pascale Morin, Christophe Charasse, Eric Renaudineau, Bassem Wehbe, Théophile Sawadogo, Katell Goulesque, Philippe Jousset, Marie-Pierre Audrézet, Claude Férec, Yannick Le Meur, *"The PRO PKD score, a new algorithm*

to predict renal outcome in ADPKD", European Dialysis and Transplantation Association, Amsterdam, 2014

- **E Cornec-Le Gall**, MP audrézet, Maryvonne Hourmant, Marie-Pascale Morin, Christophe Charasse, Régine Perrichot, Pascale Siohan, Claude Ferec, Yannick Le Meur: "*A New Algorithm to Predict Renal Outcome in Autosomal Dominant Polycystic Kidney Disease",* American Society of Nephrology, Atlanta, 2013
- **E. Cornec-Le Gall**, M. Hourmant, M.P. Morin, C. Charasse, R. Perrichot, E. Renaudineau, L. Treguer, B. Whebe, P. Jousset, M.P. Audrezet, C. Ferec, Y. Le Meur *"Can we predict age at ESRD in Autosomal Dominant Polycystic Kidney Disease ?",* French Nephrology Society, Nantes 2013
- **E Cornec-Le Gall**, MP Audrézet, Maryvonne Hourmant, Marie-Pascale Morin, Anne Grall-Jezequel, Eric Renaudineau, Claude Ferec, Yannick Le Meur: *PKD1* mutation type, but not Mutation Location, Influences Renal Outcome in ADPKD, American Society of Nephrology, San Diego 2012
- **E Cornec-Le Gall**, MP Audrézet, Maryvonne Hourmant, Anne Grall-Jezequel, Marie-Pascale Morin, Eric Renaudineau, Christophe Charasse, Bassem Whebe, Philippe Jousset, Claude Ferec and Yannick Le Meur. *PKD1 mutation type influences renal Outcome in Autosomal Dominant Polycystic Kidney Disease: Results from the Genkyst Registry*. European Dialysis and Transplantation Association meeting, Paris 2012
- **E Cornec-Le Gall,** C. Vigneau, M.P. Guillodo, E. Michez, P. Siohan, P.Y. Durand, D. Le Grand, K. Goulesque, T. Sawadogo, S. Gie, Y. Le Meur, *"Epidemiology of Autosomal Dominant Polycystic Kidney Disease in France, Results of the Genkyst Study"***,** French Nephrology Society, Geneva, 2012
- **E Cornec-Le Gall**, Marie-Pierre Audrézet, Claude Férec and Yannick Le Meur *"Molecular Diagnosis in Autosomal Dominant Polycystic Kidney Disease",* French Nephrology Society, Bruxelles, 2010

Invited lectures

- **French Nephrology Society, Nantes, October 2013,** "Autosomal Dominant Polycystic Kidney Disease, from molecular genetics to clinical presentation"
- **French Nephrology Society, Saint Etienne, October 2014,** "Genotype-Phenotype correlations in *PKD1*-related ADPKD"
- **French Nephrology Society, Saint Etienne, October 2014,** "Epidemiological, Clinical, and prognostic aspects of ADPKD"
- **Monthly conference of the Mayo Translational PKD Center, November 2014,** "ADPKD: from Molecular Genetics to the development of Prognostic Tools"
- **University Seminar of Nephrology, Paris, January 2015** "Therapies in IgA nephropathy"
- **World Congress of Nephrology, CapeTown, South Africa, Industry Symposium, March 2015** "Can we predict the future of ADPKD patients ?"
- **ERA-EDTA 2016, Vienna** "Can we achieve personalized medicine in ADPKD ?'

Research Support

- Co-PI in the GeneQuest Study, NCT02112136, National Plan for Clinical Research 2013 (2014-2017) Objective: analysis of *PKD1-PKD2* negative patients
- Co-PI, French Kidney Foundation Young Investigator Award, Fondation du Rein (2014-2016) objective: analysis of *PKD1-PKD2* negative patients
- Recipient of a grant by the French Nephrology Society, funded by Otsuka Pharmaceutical Industry, 2014 (2014-2015) Objective: analysis of *PKD1-PKD2* negative patients