**Identification**

Name: Àngel Argilés i Ciscart

Address: 31, allée des Mauves. 34980 St Gely du Fesc (France)

Date and place of birth: 25th December 1957. Lleida, Catalogne (Espagne)

Civic status: married (4 children)

**Present positions :**

Médecin Attaché Service de Néphrologie, CHU Montpellier

Directeur de recherche CNRS (honoraire). EA7288 Bio-Communication Cardio-Métabolique Université de Montpellier

Consultant Renal Physician. Néphrologie Dialyse St Guilhem. Sète (France).

**Qualifications :**

M.B.B.S. Barcelona, Espagne, 1981

M.D.B.S. Barcelona, Espagne, 1984

Renal Physician Montpellier, France, 1987

Ph. D. “*European Label”* Montpellier, France, 1994

Habilitation Diriger Recherches Montpellier, France, 1995

**Clinical Activity:**

1981-1982 Médico Interno. Sevicio de Nefrologia. Hospital Arnau de Vilanova. Lleida. Universitat de Barcelona, Espagne.

1983 -1987 Médecin attaché. Service de Néphrologie. Hôpital Lapeyronie. CHU Montpellier, 1996 - 2001 France.

1988 - 1990 Medical Practitioner. Prince Henry's Hospital. Monash Medical Centre. Melbourne, Australia.

1990- 2000 Médecin Néphrologue. AIDER Montpellier. France

2002 - Médecin attaché. Service de Néphrologie. Hôpital Lapeyronie. CHU Montpellier.

2003 - Médecin Néphrologue. Néphrologie Dialyse St Guilhem (Sète).

**Research Activity**:

1985-1986 Investigador. Ministerio de Educación y Ciencia. Gouvernement Espagnol.

1986 Chargé de recherche associé; *poste vert* INSERM U249. Montpellier, France.

1987 Chargé de recherche associé; *poste rouge* CNRS UPR 8402 Montpellier, France.

1988-1990 Senior research fellow. Monash University, Melbourne, Australia.

1988-1990 Investigador. Ministerio de Educación y Ciencia. Gouvernement Espagnol.

1990-1997 Chercheur CRBM, CNRS UP9008, Montpellier France.

* 1. Chercheur, chef de groupe, IGH, CNRS UPR1142, Montpellier France.

2001- 2002 Directeur de recherche CNRS. IGH, CNRS UPR1142, Montpellier, France.

2003 - 2005 LGF, CNRS UPR 2580, Montpellier, France

2005 - Directeur de recherche. SAS RD – Néphrologie, Montpellier, France.

**University Responsibilities:**

1991- 1993 Responsable recherche. Collaboration Int Universités Barcelona-Montpellier

1992-1993 Professeur Associé Néphrologie. Faculté de Médecine. Université Montpellier I

1993-1995 Professeur Associé Biochimie et Biologie Moléculaire. Faculté de Médecine. Université Montpellier I

2002 - 2004 Mobilité Pédagogique. Néphrologie. Faculté de Médecine, Université de Montpellier I.

**International Fellowships and Awards:**

1983-1984 Fundació Congres de Cultura Catalana. Barcelona. Spain

1985-86 & Plan de formación del Personal Investigador en el extranjero. Ministerio de

1988-89-90 Educación y Ciencia. Spanish Government.

1990 1st International Fellowship Gambro. Sweden.

1991 – 1994 Extramural Grant Program. Baxter Corporation Round Lake. Illinois, USA

1994 – 1997 Extramural Grant Program. Baxter Corporation Round Lake. Illinois, USA

1998 1st Award of the Fondation pour la Recherche Médicale (Languedoc-Roussillon)

2002 - 2005 1st Genzyme Research Innovative Project program, Genzyme Co, Boston USA

**Other:**

1991 - Member of the European Uraemic Toxin Working Group (EUTox)

2011 - 2019 Chairman of EUTox (working group endorsed by the ERA – EDTA)

Member of the Editorial Board of Nephrology Dialysis and Transplantation for 20 years (E Ritz, T Drüeke and N Lameire) and other journals, Section Editor of Dialysis for the International Journal of Artificial Organs (European Society of artificial Organs) until 2014.

**Present Research activities:**

1. *Chronic Kidney Disease (CKD), Hypertension and CKD biomarkers and progression*

* Laget J, Cortijo I, Boukhaled JH, Muyor K, Duranton F, Jover B, Raynaud F, Lajoix AD, Argilés À, Gayrard N. Cafeteria Diet-Induced Obesity Worsens Experimental CKD.

Nutrients. 2023 Jul 26;15(15):3331. doi: 10.3390/nu15153331. PMID: 37571269

* Bartochowski P, Gayrard N, Bornes S, Druart C, **Argilés A**, Cordaillat-Simmons M, Duranton F. Gut-Kidney Axis Investigations in Animal Models of Chronic Kidney Disease. Toxins (Basel). 2022 Sep 7;14(9):626. doi: 10.3390/toxins14090626. PMID: 36136564
* Laget J, Duranton F, **Argilés À**, Gayrard N. [Renal insufficiency and chronic kidney disease - Promotor or consequence of pathological post-translational modifications.](https://pubmed.ncbi.nlm.nih.gov/35153062/) Mol Aspects Med. 2022 Aug;86:101082. doi: 10.1016/j.mam.2022.101082. Epub 2022 Feb 10. PMID: 35153062

* Vanholder R, **Argilés A**, Jankowski J; European Uraemic Toxin Work Group (EUTox). A history of uraemic toxicity and of the European Uraemic Toxin Work Group (EUTox). Clin Kidney J. 2021 Jan 24;14(6):1514-1523. doi: 10.1093/ckj/sfab011. eCollection 2021 Jun. PMID: 34413975
* Vlahou A, Hallinan D, Apweiler R, Argiles A, Beige J, Benigni A, Bischoff R, Black PC, Boehm F, Céraline J, Chrousos GP, Delles C, Evenepoel P, Fridolin I, Glorieux G, van Gool AJ, Heidegger I, Ioannidis JPA, Jankowski J, Jankowski V, Jeronimo C, Kamat AM, Masereeuw R, Mayer G, Mischak H, Ortiz A, Remuzzi G, Rossing P, Schanstra JP, Schmitz-Dräger BJ, Spasovski G, Staessen JA, Stamatialis D, Stenvinkel P, Wanner C, Williams SB, Zannad F, Zoccali C, Vanholder R. D[ata Sharing Under the General Data Protection Regulation: Time to Harmonize Law and Research Ethics?](https://pubmed.ncbi.nlm.nih.gov/33583200/) Hypertension. 2021 Feb 15 doi: 10.1161/HYPERTENSIONAHA.120.16340. Online ahead of print. PMID: 33583200
* Makridakis M, Kontostathi G, Petra E, Stroggilos R, Lygirou V, Filip S, Duranton F, Mischak H, Argiles A, Zoidakis J, Vlahou A. M [ultiplexed MRM-based protein quantification of putative prognostic biomarkers for chronic kidney disease progression in plasma.](https://pubmed.ncbi.nlm.nih.gov/32179759/) ci Rep. 2020 Mar 16;10(1):4815. doi: 10.1038/s41598-020-61496-z. PMID: 32179759

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|  | * Duranton F, Laget J, Gayrard N, Saulnier-Blache JS, Lundin U, Schanstra JP, Mischak H, Weinberger KM, Servel MF, Argilés A. [The CKD plasma lipidome varies with disease severity and outcome.](https://pubmed.ncbi.nlm.nih.gov/30177483/) J Clin Lipidol. 2019 Jan-Feb;13(1):176-185.e8. doi: 10.1016/j.jacl.2018.07.010. PMID: 30177483 |
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|  | * Fourdinier O, Schepers E, Metzinger-Le Meuth V, Glorieux G, Liabeuf S, Verbeke F, Vanholder R, Brigant B, Pletinck A, Diouf M, Burtey S, Choukroun G, Massy ZA, Metzinger L; European Uremic Toxin Work Group-EUTox. [Serum levels of miR-126 and miR-223 and outcomes in chronic kidney disease patients.](https://pubmed.ncbi.nlm.nih.gov/30872798/" \t "_blank) Sci Rep. 2019 Mar 14;9(1):4477. doi: 10.1038/s41598-019-41101-8. PMID: 30872798 |

* Duranton F, Palma A, Stegmayr B, Wauthier M, Torres A, Argilés À. [Blood Pressure Seasonality in Hemodialysis Patients from Five European Cities of Different Latitudes.](https://pubmed.ncbi.nlm.nih.gov/30286451/" \t "_blank)  Kidney Blood Press Res. 2018;43(5):1529-1538. doi: 10.1159/000494019. PMID: 30286451
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* Argilés À, Rodriguez M, Ortiz A. [Is Plasma Proteomics Able to Provide Alternative Paths to Better Understand Hypertension?](https://www.ncbi.nlm.nih.gov/pubmed/28652468) ***Hypertension***. 2017 Aug;70(2):250-252.
* Siwy J, Zürbig P, Argiles A, Beige J, Haubitz M, Jankowski J, Julian BA, Linde PG, Marx D, Mischak H, Mullen W, Novak J, Ortiz A, Persson F, Pontillo C, Rossing P, Rupprecht H, Schanstra JP, Vlahou A, Vanholder R. [Noninvasive diagnosis of chronic kidney diseases using urinary proteome analysis.](https://www.ncbi.nlm.nih.gov/pubmed/27984204) ***Nephrol Dial Transplant***. 2017 32:2079-2089
* Szwarc I, Vetromile F, Buscaroli A, Françoise Servel M, Argilés À. [Clinical expectations for the new bioactive treatments: greater well-being or longer survival?](https://pubmed.ncbi.nlm.nih.gov/28623641/) Int J Artif Organs. 2017 Jul 5;40(7):335-337. doi: 10.5301/ijao.5000582. PMID: 28623641
* Duranton F, Duny Y, Szwarc I, Deleuze S, Rouanet C, Selcer I, Maurice F, Rivory JP, Servel MF, Jover B, Brunet P, Daurès JP, Argilés À. [Early changes in body weight and blood pressure are associated with mortality in incident dialysis patients.](https://www.ncbi.nlm.nih.gov/pubmed/26985382) ***Clin Kidney J***. 2016; 9:287-94.
* Glorieux G, Mullen W, Duranton F, Filip S, Gayrard N, Husi H, Schepers E, Neirynck N, Schanstra JP, Jankowski J, Mischak H, Argilés À, Vanholder R, Vlahou A, Klein J. [New insights in molecular mechanisms involved in chronic kidney disease using high-resolution plasma proteome analysis.](https://www.ncbi.nlm.nih.gov/pubmed/26160894) ***Nephrol Dial Transplant***. 2015; 30:1842-52.
* Schanstra JP, Zürbig P, Alkhalaf A, Argiles A, Bakker SJ, Beige J, Bilo HJ, Chatzikyrkou C, Dakna M, Dawson J, Delles C, Haller H, Haubitz M, Husi H, Jankowski J, Jerums G, Kleefstra N, Kuznetsova T, Maahs DM, Menne J, Mullen W, Ortiz A, Persson F, Rossing P, Ruggenenti P, Rychlik I, Serra AL, Siwy J, Snell-Bergeon J, Spasovski G, Staessen JA, Vlahou A, Mischak H, Vanholder R. [Diagnosis and Prediction of CKD Progression by Assessment of Urinary Peptides.](https://www.ncbi.nlm.nih.gov/pubmed/25589610) ***J Am Soc Nephrol***. 2015;26:1999-2010
* Nkuipou-Kenfack E, Duranton F, Gayrard N, Argilés A, Lundin U, Weinberger KM, Dakna M, Delles C, Mullen W, Husi H, Klein J, Koeck T, Zürbig P, Mischak H. Assessment of metabolomic and proteomic biomarkers in detection and prognosis of progression of renal function in chronic kidney disease. ***PLoS One*** 2014;9:e96955.
* Siwy J, Schanstra JP, Argiles A, *et al* Multicentre prospective validation of a urinary peptidome-based classifier for the diagnosis of type 2 diabetic nephropathy. ***Nephrol Dial Transplant***. 2014 Mar 2. [Epub ahead of print] PubMed PMID: 24589724.
* Duranton F, Lundin U, Gayrard N, Mischak H, Aparicio M, Mourad G, Daurès JP, Weinberger KM, Argilés A. Plasma and urinary amino acid metabolomic profiling in patients with different levels of kidney function. ***Clin J Am Soc Nephrol***. 2014 Jan;9(1):37-45. doi: 10.2215/CJN.06000613. Epub 2013 Nov 14. PubMed PMID: 24235289; PubMed Central PMCID: PMC3878706.
* Argilés A, Siwy J, Duranton F, Gayrard N, Dakna M, Lundin U, Osaba L, Delles C, Mourad G, Weinberger KM, Mischak H. CKD273, a new proteomics classifier assessing CKD and its prognosis. ***PLoS One***. 2013 May 14;8(5):e62837. doi: 10.1371/journal.pone.0062837. Print 2013. PubMed PMID: 23690958; PubMed Central PMCID: PMC3653906.
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* Argilés A, Mourad G, Mion C. [Seasonal changes in blood pressure in patients with end-stage renal disease treated with hemodialysis.](https://www.ncbi.nlm.nih.gov/pubmed/9801397) ***N Engl J Med***. 1998;339:1364-70.

1. *CKD - Mineral and Bone Disorders*

* Laget J, Hobson S, Muyor K, Duranton F, Cortijo I, Bartochowski P, Jover B, Lajoix AD, Söderberg M, Ebert T, Stenvinkel P, **Argilés À**, Kublickiene K, Gayrard N. [Implications of Senescent Cell Burden and NRF2 Pathway in Uremic Calcification: A Translational Stud](https://pubmed.ncbi.nlm.nih.gov/36831311/)y Cells. 2023 Feb 17;12(4):643. doi: 10.3390/cells12040643. PMID: 36831311
* Muyor K, Laget J, Cortijo I, Duranton F, Jover B, **Argilés À**, Gayrard N. Vascular calcification in different arterial beds in ex vivo ring culture and in vivo rat model Sci Rep. 2022 Jul 13;12(1):11861. doi: 10.1038/s41598-022-15739-w. PMID: 35831341
* Orth-Alampour S, Gayrard N, Salem S, Bhargava S, Jankowski V, Jover B, Notarnicola C, Noels H, van der Vorst EPC, Kuppe C, Wolf M, Goettsch C, Theelen W, Bruck H, Fliser D, Loscalzo J, Wu Z, Marx N, Zidek W, **Argilés À**, Jankowski J. [Prevention of vascular calcification by the endogenous chromogranin A-derived mediator that inhibits osteogenic transdifferentiation.](https://pubmed.ncbi.nlm.nih.gov/34647168/)  Basic Res Cardiol. 2021 Oct 13;116(1):57. doi: 10.1007/s00395-021-00899-z. PMID: 34647168
* Gayrard N, Muyor K, Notarnicola C, Duranton F, Jover B, Argilés À. Optimisation of cell and ex vivo culture conditions to study vascular calcification. PLoS One. 2020 Mar 6;15(3):e0230201. doi: 10.1371/journal.pone.0230201. eCollection 2020. PMID: 32143215
* Duranton F, Rodriguez-Ortiz ME, Duny Y, Rodriguez M, Daurès JP, Argilés A.Vitamin D treatment and mortality in chronic kidney disease: a systematic review and meta-analysis. ***Am J Nephrol***. 2013;37(3):239-48. doi: 10.1159/000346846.
* Argilés A, Vanholder R. Chronic kidney disease-related mineral and bone disorders. ***Nephron Clin Pract***. 2009;112(3):c128-36. doi: 10.1159/000214207.
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* Argilés A, Mourad G, Mion C. [Oral vitamin D or calcium carbonate in the prevention of renal bone disease?](https://www.ncbi.nlm.nih.gov/pubmed/8823530) ***Curr Opin Nephrol Hypertens***. 1996 Jul;5(4):329-36.
* Argilés A, Mion CM. [Low-calcium dialysate worsens secondary hyperparathyroidism.](https://www.ncbi.nlm.nih.gov/pubmed/8724901) ***J Am Soc Nephrol***. 1996 Apr;7(4):635-6.
* Argilés A, Mion CM. [Calcium balance and intact PTH variations during haemodiafiltration.](https://www.ncbi.nlm.nih.gov/pubmed/8643172) ***Nephrol Dial Transplant***. 1995 Nov;10(11):2083-9.
* Mourad G, Argilés A, Vela C, Lorho R, Flavier JL, Canaud B, Mion CM. [Control of severe hyperparathyroidism and regression of a brown tumour after treatment with i.v. alfacalcidol in a uraemic patient.](https://www.ncbi.nlm.nih.gov/pubmed/7624003) ***Nephrol Dial Transplant***. 1995;10(4):552-4.
* Argilés A, Lorho R, Mourad G, Mion CM. [High-dose alfacalcidol for anaemia in dialysis.](https://www.ncbi.nlm.nih.gov/pubmed/8101625) ***Lancet***. 1993 Aug 7;342(8867):378-9.
* Argilés A, Kerr PG, Canaud B, Flavier JL, Mion C. [Calcium kinetics and the long-term effects of lowering dialysate calcium concentration.](https://www.ncbi.nlm.nih.gov/pubmed/8455362) ***Kidney Int***. 1993 Mar;43(3):630-40.

1. *Dialysis adequacy and fundamentals*

* Argilés À, Ficheux A, Duranton F. Effect of Hemodiafiltration or Hemodialysis on Mortality in Kidney Failure. N Engl J Med. 2023 Nov 16;389(20):e42. doi: 10.1056/NEJMc2311148. PMID: 37966298
* Argilés A, Kerr PG. H[ome based therapies: can wishes be realized?](https://pubmed.ncbi.nlm.nih.gov/33151335/) Nephrol Dial Transplant. 2020 Nov 1;35(11):1836-1839. doi: 10.1093/ndt/gfaa082. PMID: 33151335

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* Ficheux A, Brunet P, Argilés A. [Quantification de la dialyse : est-elle précise et pouvons-nous la rendre simple ?](http://www.sciencedirect.com/science/article/pii/S1769725510000878) ***Néphrologie Thérapeutique*** 2010, 6:491-558 (November 2010)
* Ficheux A, Gayrard N, Szwarc I, Soullier S, Bismuth-Mondolfo J, Brunet P, Servel MF, Argilés A. [Use of spent dialysate analysis to estimate blood levels of uraemic solutes without blood sampling: urea.](https://www.ncbi.nlm.nih.gov/pubmed/19854847) ***Nephrol Dial Transplant***. 2010; 25:873-9.
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