Lara J. Monteiro
Universidad de los Andes
Facultad de Medicina
Claustro Doctorado en Biomedicina
Programa de Biología de la Reproducción
Centro de Investigación e Innovación Biomédica
Doctorado en Biomedicina
Email: lmonteiro@uandes.cl
Phone: +56-22-618-1991



Research interests

Dr. Lara Monteiro's academic and professional trajectory has focused on the study of the physiopathology of gynecological and pregnancy-related disorders, with a strong emphasis on the identification of novel biomarkers and the exploration of molecular mechanisms involved in disease progression. Her research bridges oncology, reproductive biology, and translational medicine, with particular interest in conditions such as endometriosis, breast and ovarian cancer, implantation failure, and preeclampsia.
A key line of her work involves the transcription factor FOXM1, where she has elucidated its role in trophoblast migration and invasion, contributing to the understanding of embryo implantation. In parallel, her studies in breast cancer have explored FOXM1's involvement in chemotherapy resistance, highlighting its relevance as a therapeutic target.
Another major area of contribution is her work on menstrual mesenchymal stem cells (MenSCs), investigating their role in the etiopathology of endometriosis. Her recent efforts also include the development and validation of non-invasive diagnostic tools for the early detection of endometriosis.

Qualifications

PhD, Biochemistry, Imperial College London
Award Date: 8 Mar 2013

Master, Molecular Medicine, Cranfield University
Award Date: 4 Jun 2009

University Degree, Biomedical Sciences, Universidade do Algarve
Award Date: 1 Aug 2007

Employment

Universidad de los Andes
Chile
1 Jun 2018 → present

Facultad de Medicina
Universidad de los Andes
Chile
1 Jun 2018 → present

Claustro Doctorado en Biomedicina
Universidad de los Andes
Chile
1 Jan 2012 → present

Programa de Biología de la Reproducción
Universidad de los Andes
Chile
1 Jun 2018 → present

Centro de Investigación e Innovación Biomédica
Universidad de los Andes
Chile
1 Jun 2018 → present

Doctorado en Biomedicina
Universidad de los Andes
Chile
1 Jun 2018 → present

Review Editor
Frontiers Cell and Developmental Biology
Switzerland
19 Oct 2019 → present

PhD Student
Imperial College London
United Kingdom
1 Jan 2009 → 1 Mar 2013

PhD Biomedicine
Imperial College London
United Kingdom
1 Jan 2009 → 1 May 2013

Miembro
Sociedad Chilena de Reproducción y Desarrollo
Chile

Miembro de panel de evaluación Medicina G1- Concursos FONDECYT
Agencia Nacional de Investigación y Desarrollo
Santiago, Chile

Research outputs

The periodontal-female reproductive axis and infertility: a scoping review of epidemiological and mechanistic evidence
Mujica, I., Bendek, M. J., Celis, A., Tarilonte, A. F. V., Simon-Soro, A., Arraztoa, J. A., Donoso, M. B., Illanes, S. E., Monteiro, L. J. & Chaparro, A., Dec 2026, In: BMC Oral Health. 26, 1, 1469.

Decidualization potential of endometrial mesenchymal stem cells and their role in reproductive health
Peñailillo, R., Velarde, F., Peragallo-Papic, V., Valenzuela, I., Choolani, M., Kemp, M. W., Monteiro, L. J. & Illanes, S. E., 23 May 2026, In: Reproductive Biology and Endocrinology. 24, 1, 77.

Elevated maternal cholesterol is linked to a coexpression network of neonatal indole metabolism and birth weight
Wu, L. H., Yang, J., Pakkiri, L. S., Monteiro, L. J., Peñailillo, R., Lim, P. L., Choolani, M. A., Kemp, M. W., Li, L. J., Cantin, C., Valenzuela, I., Leiva, A., Drum, C. L. & Illanes, S. E., 1 May 2026, In: American Journal of Physiology - Heart and Circulatory Physiology. 330, 5, p. H1405-H1419

Impact of Maternal Supraphysiological Hypercholesterolemia on Lysosomal and Mitochondrial Function in Placental Trophoblast Cells
Yañez, M. J., Campos, F., Valdebenito, P., Cavieres, V. A., Barrera, M. J., Tapia-Rojas, C., Burgos, P. V., Monteiro, L. J., Zanlungo, S., Illanes, S. E. & Leiva, A., Jan 2026, In: Journal of Cellular Physiology. 241, 4, p. e70165 e70165.

Hyperglycemia exacerbates placental inflammation induced by Porphyromonas gingivalis-lipopolysaccharide
Bendek, M. J., Mizgier, M. L., Rojas, C., Ramírez, V., Valdebenito, P., Hoare, A., Hernández, M., Vasquez, M. J., González, W., Illanes, S. E., Kantarci, A., Herrera, D., Monteiro, L. J. & Chaparro, A., 2026, In: Journal of Periodontology. 97, 6, p. 1257-1270 14 p.

Menstrual fluid-derived small extracellular vesicles: a novel reservoir with distinct molecular signatures and implications for endometriosis etiopathology
Peragallo-Papic, V., Cerda-Castro, P., Figueroa-Valdés, A. I., Tobar, H. E., Valdebenito, P., Donoso, M. B., Bustos, B., Yakcich, J., Peñailillo, R., Nardocci, G., Acuña-Gallardo, S., Illanes, S. E., Alcayaga-Miranda, F. & Monteiro, L. J., 2026, In: Human Reproduction Open. 2026, 2, p. hoag020

Maternal plasma cell-free RNA as a predictive test for fetal lung maturation
Carter, S. W. D., Seah, K. Y. M., Poh, S. E., Koh, W., Usuda, H., Johnson, E. L., Kumagai, Y., Takahashi, T., Monteiro, L. J., Peñailillo, R., Nardocci, G., Watson, H. R. S., Saito, M., Choolani, M. A., Illanes, S. E. & Kemp, M. W., Dec 2025, In: BMC Medicine. 23, 1, p. 441 441.

Impact of placenta-derived extracellular vesicles on endothelial function in supraphysiological maternal hypercholesterolemia
Cantin, C., Gutiérrez, J., Peñailillo, R., Kemp, M. W., Li, L. J., Monteiro, L. J., Illanes, S. E. & Leiva, A., Oct 2025, In: Placenta. 170, p. 53-63 11 p.

Predictive Screening for Inflammatory Disorders of Pregnancy Using Targeted Maternal Cell-Free RNA Assays: Proof-of-Principle Data from Large Animal and Human Cohorts
Carter, S. W. D., Wei, Q., Koh, W., Liu, X., Seah, K. Y. M., Poh, S. E., Usuda, H., Fee, E. L., Kumagai, Y., Takahashi, T., Monteiro, L., Peñailillo, R., Watson, H. R. S., Saito, M., Spiller, O. B., Choolani, M. A., Illanes, S. E. & Kemp, M. W., Jul 2025, In: Reproductive Sciences. 32, 7, p. 2340-2361 22 p.

Maternal stress during pregnancy alters circulating small extracellular vesicles and enhances their targeting to the placenta and fetus
Sánchez-Rubio, M., Abarzúa-Catalán, L., del Valle, A., Méndez-Ruette, M., Salazar, N., Sandoval, S., Sigala, J., Godoy, M. I., Luarte, A., Monteiro, L. J., Romero, R., Choolani, M. A., Wyneken, Ú., Illanes, S. E. & Bátiz, L. F., Dec 2024, In: Biological Research. 57, 1, p. 70 70.

FOXM1 Participates in Trophoblast Migration and Early Trophoblast Invasion: potential Role in Blastocyst Implantation
Peñailillo, R., Velásquez, V., Acuña-Gallardo, S., García, F., Sánchez, M., Nardocci, G., Illanes, S. E. & Monteiro, L. J., 30 Jan 2024, In: International Journal of Molecular Sciences. 25, 3, p. 1-17 17 p., 1678.

Mesenchymal Stem Cells-Induced Trophoblast Invasion Is Reduced in Patients with a Previous History of Preeclampsia
Peñailillo, R., Acuña-Gallardo, S., García, F., Monteiro, L. J., Nardocci, G., Choolani, M. A., Kemp, M. W., Romero, R. & Illanes, S. E., 13 Aug 2022, In: International Journal of Molecular Sciences. 23, 16, 9071.

Identification of LOC101927355 as a Novel Biomarker for Preeclampsia
Peñailillo, R., Monteiro, L. J., Acuña-Gallardo, S., García, F., Velásquez, V., Correa, P., Díaz, P., Valdebenito, P. P., Navarro, C., Romero, R., Sánchez, M., Illanes, S. E. & Nardocci, G., 27 May 2022, In: Biomedicines. 10, 6, 1253.

Maternal exposure to a high-magnitude earthquake during pregnancy influences pre-reading skills in early childhood
Bátiz, L. F., Palmeiro-Silva, Y. K., Rice, G. E., Monteiro, L. J., Galaburda, A. M., Romero, R., Choolani, M. A., Wyneken, U., Orellana, P. & Illanes, S. E., Dec 2021, In: Scientific Reports. 11, 1, p. 9244 9244.

Periodontitis and gestational diabetes mellitus: A potential inflammatory vicious cycle
Bendek, M. J., Canedo-Marroquín, G., Realini, O., Retamal, I. N., Hernández, M., Hoare, A., Busso, D., Monteiro, L. J., Illanes, S. E. & Chaparro, A., 31 Oct 2021, In: International Journal of Molecular Sciences. 22, 21, p. 1-16 16 p., 11831.

The Role of Long Non-Coding RNAs in Trophoblast Regulation in Preeclampsia and Intrauterine Growth Restriction
Monteiro, L. J., Peñailillo, R., Sánchez, M., Acuña-Gallardo, S., Mönckeberg, M., Ong, J., Choolani, M., Illanes, S. E. & Nardocci, G., 1 Jun 2021, In: Genes. 12, 7, 970.

Diagnostic potential of peri-implant crevicular fluid microRNA-21-3p and microRNA-150-5p and extracellular vesicles in peri-implant diseases
Chaparro, A., Atria, P., Realini, O., Monteiro, L. J., Betancur, D., Acuña-Gallardo, S., Ramírez, V., Bendek, M. J., Pascual, A., Nart, J., Beltrán, V. & Sanz, A., Jun 2021, In: Journal of Periodontology. 92, 6, p. 11-21 11 p.

Supplementation of Omega 3 during Pregnancy and the Risk of Preterm Birth: A Systematic Review and Meta-Analysis
Serra, R., Peñailillo, R., Monteiro, L. J., Monckeberg, M., Peña, M., Moyano, L., Brunner, C., Vega, G., Choolani, M. & Illanes, S. E., 18 May 2021, In: Nutrients. 13, 5, 1704.

Diagnostic potential of peri-implant crevicular fluid microRNA-21-3p and microRNA-150-5p and extracellular vesicles in peri-implant diseases
Chaparro, A., Atria, P., Realini, O., Monteiro, L. J., Betancur, D., Acuña-Gallardo, S., Ramírez, V., Bendek, M. J., Pascual, A., Nart, J., Beltrán, V. & Sanz, A., 13 Nov 2020, (E-pub ahead of print) In: Journal of Periodontology. p. e11-e21 11 p.

Diagnostic performance of first trimester screening of preeclampsia based on uterine artery pulsatility index and maternal risk factors in routine clinical use.
Mönckeberg, M., Arias, V., Fuenzalida, R., Álvarez, S., Toro, V., Calvo, A., Kusanovic, J. P., Monteiro, L. J., Schepeler, M., Nien, J. K., Martinez, J. & Illanes, S. E., 2020, In: Diagnostics. 10, 4, 182.

Increased circulating levels of tissue-type plasminogen activator are associated with the risk of spontaneous abortion during the first trimester of pregnancy.
Monteiro, L. J., Varas-Godoy, M., Acuña-Gallardo, S., Correa, P., Passalacqua, G., Monckeberg, M., Rice, G. E. & Illanes, S. E., 2020, In: Diagnostics. 10, 4, 197.

Normality Ranges of Menstrual Fluid Volume during Reproductive Life Using Direct Quantification of Menses with Vaginal Cups
Donoso, M. B., Serra, R., Rice, G. E., Gana, M. T., Rojas, C., Khoury, M., Arraztoa, J. A., Monteiro, L. J., Acuña, S. & Illanes, S. E., 1 Jul 2019, In: Gynecologic and Obstetric Investigation. 84, 4, p. 390-395 6 p.

Reduced FOXM1 expression limits trophoblast migration and angiogenesis and is associated with preeclampsia.
Monteiro, L. J., Cubillos, S., Sanchez, M., Acuña-Gallardo, S., Venegas, P., Herrera, V., Lam, E. W. F., Varas-Godoy, M. & Illanes, S. E., 1 May 2019, In: Reproductive Sciences. 26, 5, p. 580-590 11 p.

Angiogenic properties of menstrual stem cells are impaired in women with a history of preeclampsia
Varas-Godoy, M., Acuña-Gallardo, S., Venegas-Duarte, S., Hill, C., Caceres-Verschae, A., Realini, O., Monteiro, L., Zavala, G., Khoury, M., Romero, R., Rice, G. & Illanes, S., 2019, In: Stem Cells International. 2019, 1916542.

Vesículas extracelulares como predictores tempranos de diabetes gestacional
Arias, M., Monteiro, L. J., Acuña-Gallardo, S., Varas-Godoy, M., Rice, G. E., Monckeberg, M., Díaz, P. & Illanes, S. E., 2019, In: Revista Medica de Chile. 147, 12, p. 1503-1509 7 p.

Oral extracellular vesicles in early pregnancy can identify patients at risk of developing gestational diabetes mellitus
Monteiro, L. J., Varas-Godoy, M., Monckeberg, M., Realini, O., Hernández, M., Rice, G., Romero, R., Saavedra, J. F., Illanes, S. E. & Chaparro, A., 1 Jun 2018, In: PLoS ONE. 14, 6, e0218616.

Effects of earthquake on perinatal outcomes: A Chilean register-based study
Palmeiro-Silva, Y. K., Orellana, P., Venegas, P., Monteiro, L., Varas-Godoy, M., Norwitz, E., Rice, G., Osorio, E. & Illanes, S. E., Feb 2018, In: PLoS ONE. 13, 2, e0191340.

Fetal programming and gestational diabetes mellitus.
Monteiro, L. J., Norman, J. E., Rice, G. E. & Illanes, S. E., 1 Dec 2016, In: Placenta. 48, p. S54-S60

Paclitaxel targets FOXM1 to regulate KIF20A in mitotic catastrophe and breast cancer paclitaxel resistance
Khongkow, P., Gomes, A. R., Gong, C., Man, E. P. S., Tsang, J. W. H., Zhao, F., Monteiro, L. J., Coombes, R. C., Medema, R. H., Khoo, U. S. & Lam, E. W. F., 25 Feb 2016, In: Oncogene. 35, 8, p. 990-1002 13 p.

Placental aromatase is deficient in placental ischemia and preeclampsia
Perez-Sepulveda, A., Monteiro, L. J., Dobierzewska, A., España-Perrot, P. P., Venegas-Araneda, P., Guzmán-Rojas, A. M., González, M. I., Palominos-Rivera, M., Irarrazabal, C. E., Figueroa-Diesel, H., Varas-Godoy, M. & Illanes, S. E., 7 Oct 2015, In: PLoS ONE. 10, 10, e0139682.

FOXA1 repression is associated with loss of BRCA1 and increased promoter methylation and chromatin silencing in breast cancer
Gong, C., Fujino, K., Monteiro, L. J., Gomes, A. R., Drost, R., Davidson-Smith, H., Takeda, S., Khoo, U. S., Jonkers, J., Sproul, D. & Lam, E. W. F., 24 Sep 2015, In: Oncogene. 34, 39, p. 5012-5024 13 p.

NFAT5 is up-regulated by hypoxia: Possible implications in preeclampsia and intrauterine growth restriction
Dobierzewska, A., Palominos, M., Irarrazabal, C. E., Sanchez, M., Lozano, M., Perez-Sepulveda, A., Monteiro, L. J., Burmeister, Y., Figueroa-Diesel, H., Rice, G. E. & Illanes, S. E., 1 Jul 2015, In: Biology of Reproduction. 93, 1, 14.

FOXM1 targets NBS1 to regulate DNA damage-induced senescence and epirubicin resistance
Khongkow, P., Karunarathna, U., Khongkow, M., Gong, C., Gomes, A. R., Yagüe, E., Monteiro, L. J., Kongsema, M., Zona, S., Man, E. P. S., Tsang, J. W. H., Coombes, R. C., Wu, K. J., Khoo, U. S., Medema, R. H., Freire, R. & Lam, E. W. F., 7 Aug 2014, In: Oncogene. 33, 32, p. 4144-4155 12 p.

The Forkhead Box M1 protein regulates BRIP1 expression and DNA damage repair in epirubicin treatment
Monteiro, L. J., Khongkow, P., Kongsema, M., Morris, J. R., Man, C., Weekes, D., Koo, C. Y., Gomes, A. R., Pinto, P. H., Varghese, V., Kenny, L. M., Charles Coombes, R., Freire, R., Medema, R. H. & Lam, E. W. F., 26 Sep 2013, In: Oncogene. 32, 39, p. 4634-4645 12 p.

SIRT6 modulates paclitaxel and epirubicin resistance and survival in breast cancer
Khongkow, M., Olmos, Y., Gong, C., Gomesl, A. R., Monteiro, L. J., Yagüe, E., Cavaco, T. B., Khongkow, P., Man, E. P. S., Laohasinnarong, S., Koo, C. Y., Harada-Shoji, N., Tsang, J. W. H., Coombes, R. C., Schwer, B., Khoo, U. S. & Lam, E. W. F., Jul 2013, In: Carcinogenesis. 34, 7, p. 1476-1486 11 p.

The p38 MAPK-MK2 axis regulates E2F1 and FOXM1 expression after epirubicin treatment
De Olano, N., Koo, C. Y., Monteiro, L. J., Pinto, P. H., Gomes, A. R., Aligue, R. & Lam, E. W. F., Sep 2012, In: Molecular Cancer Research. 10, 9, p. 1189-1202 14 p.

Phosphorylation of FOXO3a on Ser-7 by p38 promotes its nuclear localization in response to doxorubicin
Ho, K. K., McGuire, V. A., Koo, C. Y., Muir, K. W., De Olano, N., Maifoshie, E., Kelly, D. J., McGovern, U. B., Monteiro, L. J., Gomes, A. R., Nebreda, A. R., Campbell, D. G., Arthur, J. S. C. & Lam, E. W. F., 6 Jan 2012, In: Journal of Biological Chemistry. 287, 2, p. 1545-1555 11 p.

The transcription factor encyclopedia.
Yusuf, D., Butland, S. L., Swanson, M. I., Bolotin, E., Ticoll, A., Cheung, W. A., Zhang, X. Y. C., Dickman, C. T. D., Fulton, D. L., Lim, J. S., Schnabl, J. M., Ramos, O. H. P., Vasseur-Cognet, M., de Leeuw, C. N., Simpson, E. M., Ryffel, G. U., Lam, E. W. F., Kist, R., Wilson, M. S. C. & Marco-Ferreres, R. & 79 others, Brosens, J. J., Beccari, L. L., Bovolenta, P., Benayoun, B. A., Monteiro, L. J., Schwenen, H. D. C., Grontved, L., Wederell, E., Mandrup, S., Veitia, R. A., Chakravarthy, H., Hoodless, P. A., Mancarelli, M. M., Torbett, B. E., Banham, A. H., Reddy, S. P., Cullum, R. L., Liedtke, M., Tschan, M. P., Vaz, M., Rizzino, A., Zannini, M., Frietze, S., Farnham, P. J., Eijkelenboom, A., Brown, P. J., Laperrière, D., Leprince, D., de Cristofaro, T., Prince, K. L., Putker, M., del Peso, L., Camenisch, G., Wenger, R. H., Mikula, M., Rozendaal, M., Mader, S., Ostrowski, J., Rhodes, S. J., Van Rechem, C., Boulay, G., Olechnowicz, S. W. Z., Breslin, M. B., Lan, M. S., Nanan, K. K., Wegner, M., Hou, J., Mullen, R. D., Colvin, S. C., Noy, P. J., Webb, C. F., Witek, M. E., Ferrell, S., Daniel, J. M., Park, J., Waldman, S. A., Peet, D. J., Taggart, M., Jayaraman, P. S., Karrich, J. J., Blom, B., Vesuna, F., O'Geen, H., Sun, Y., Gronostajski, R. M., Woodcroft, M. W., Hough, M. R., Chen, E., Europe-Finner, G. N., Karolczak-Bayatti, M., Bailey, J., Hankinson, O., Raman, V., LeBrun, D. P., Biswal, S., Harvey, C. J., DeBruyne, J. P., Hogenesch, J. B. & Hevner, R. F., 2012, In: Genome Biology. 13, 3, p. R24

iASPP and chemoresistance in ovarian cancers: Effects on paclitaxel-mediated mitotic catastrophe
Jiang, L. L., Siu, M. K. Y., Wong, O. G. W., Tam, K. F., Lu, X., Lam, E. W. F., Ngan, H. Y. S., Le, X. F., Wong, E. S. Y., Monteiro, L. J., Chan, H. Y. & Cheung, A. N. Y., 1 Nov 2011, In: Clinical Cancer Research. 17, 21, p. 6924-6933 10 p.

ATM and p53 regulate FOXM1 expression via E2F in breast cancer epirubicin treatment and resistance
Millour, J., De Olano, N., Horimoto, Y., Monteiro, L. J., Langer, J. K., Aligue, R., Hajji, N. & Lam, E. W. F., Jun 2011, In: Molecular Cancer Therapeutics. 10, 6, p. 1046-1058 13 p.

Definition of microRNAs that repress expression of the tumor suppressor gene FOXO1 in endometrial cancer (Cancer Research (2010) 70, (367-77) DOI: 10.1158/0008-5472.CAN-09-1891)
Myatt, S. S., Wang, J. & Monteiro, L. J., 15 Feb 2010, In: Cancer Research. 70, 4, p. 1747 1 p.

Definition of microRNAs that repress expression of the tumor suppressor gene FOXO1 in endometrial cancer
Myatt, S. S., Wang, J., Monteiro, L. J., Christian, M., Ho, K. K., Fusi, L., Dina, R. E., Brosens, J. J., Ghaem-Maghami, S. & Lam, E. W. F., 1 Jan 2010, In: Cancer Research. 70, 1, p. 367-377 11 p.

FOXM1 confers acquired cisplatin resistance in breast cancer cells
Kwok, J. M. M., Peck, B., Monteiro, L. J., Schwenen, H. D. C., Millour, J., Coombes, R. C., Myatt, S. S. & Lam, E. W. F., Jan 2010, In: Molecular Cancer Research. 8, 1, p. 24-34 11 p.

Constitutively nuclear FOXO3a localization predicts poor survival and promotes Akt phosphorylation in breast cancer
Chen, J., Gomes, A. R., Monteiro, L. J., Wong, S. Y., Wu, L. H., Ng, T. T., Karadedou, C. T., Millour, J., Ip, Y. C., Cheung, Y. N., Sunters, A., Chan, K. Y. K., Lam, E. W. F. & Khoo, U. S., 2010, In: PLoS ONE. 5, 8, e12293.

Activities

NRC6956_ CIENCIAS APLICADAS MEDICINA - MED 1013 202510
J. Monteiro, L. (Speaker)
17 Jun 2025

Unidad Investigación 1. Tutoría directa alumnos de Doctorado en Biomedicina UANDES: Estudio del efecto inmunomodulador de las Células Madre Mesenquimales Menstruales derivadas de mujeres con y sin endometriosis.
J. Monteiro, L. (Participant)
Apr 2025 → Aug 2025

Small Extracellular vesicles from menstrual fluid: a new biological source for non-invasive biomarkers of endometriosis
J. Monteiro, L. (Speaker)
2 Dec 2024 → 3 Dec 2024

Small Extracellular vesicles from menstrual fluid: a new biological source for non-invasive biomarkers of endometriosis
J. Monteiro, L. (Speaker)
21 Oct 2024

Unidad Investigación 2. Tutoría directa alumnos de Doctorado en Biomedicina UANDES: Unraveling the epithelial-to-mesenchymal transition signature of menstrual blood-derived stem cells: a potential role in the pathogenesis of endometriosis?
J. Monteiro, L. (Participant)
Jan 2024 → Jul 2024

Comité evaluación proyecto de tesis del estudiante del doctorado en Enfermedades Crónicas de la Universidad San Sebastián, Rodrigo Escalona: "Estudio de las vesículas extracelulares plaquetarias en la preeclampsia: Implicaciones en la disfunción endotelial materna"
J. Monteiro, L. (Examiner), Godoy, A. (Examiner), Chiarello, D. I. (Examiner) & Rotarou, E. (Examiner)
2024 → …

Small Extracellular vesicles from menstrual fluid: a new biological source for non-invasive biomarkers of endometriosis
J. Monteiro, L. (Speaker)
6 Sep 2023 → 9 Sep 2023

Unidad Investigación 1. Tutoría directa alumnos de Doctorado en Biomedicina UANDES: Estandarización del efecto inmunomodulador de células madre mesenquimales menstruales (MenSC) sobre la proliferación de linfocitos T humanos
J. Monteiro, L. (Participant)

Aug 2023 → Dec 2023

Unidad Investigación 1. Tutoría directa alumnos de Doctorado en Biomedicina UANDES: Extracellular vesicles from menstrual blood as a potential source of biomarkers for non-invasive diagnosis of endometriosis
J. Monteiro, L. (Participant)
Aug 2023 → Dec 2023

Vesículas Extracelulares de fluido menstrual: ¿una nueva fuente biológica para diagnóstico no invasivo de endometriosis?
J. Monteiro, L. (Speaker)
5 May 2023

3364 Tópicos Avanzados en Biomedicina" (O2)
J. Monteiro, L. (Participant)
2023 → 2025

Comité evaluación Proyecto de tesis de la estudiante de doctorado en Biomedicina UANDES, Verónica Castañeda: "Improving Mesenchymal Stem Cell therapy for Osteoarthritis through lncRNAs".
J. Monteiro, L. (Examiner), Aguilar, R. (Examiner), Matas Naranjo, J. F. B. (Examiner) & Caramés, B. (Examiner)
2023 → …

Unraveling the role of FOXM1 in early preeclampsia-related events
J. Monteiro, L. (Speaker)
4 May 2022 → 6 May 2022

1210 Avances Biotecnológicos en Medicina (T2)
J. Monteiro, L. (Participant)
2021 → 2025

3364 Tópicos Avanzados en Biomedicina (O2)
J. Monteiro, L. (Participant)
2020 → …

Unidad Investigación 2. Tutoría directa alumnos de Doctorado en Biomedicina UANDES: The role of FOXM1 in early preeclampsia-related events
J. Monteiro, L. (Participant)
Mar 2019 → Aug 2019

Neuropilina-1 soluble, interleuquina-33 y su receptor en forma soluble ST2 en fluido gingival crevicular y su relación con la severidad de periodontitis durante el embarazo: Estudio piloto de corte transversal.
Monteiro, L. (Examiner)
11 Jan 2019

Undergraduate Thesis
Cambara de Dios, M. F. (Participant)
28 Nov 2018

NRC4635_Programa de Investigación Biomédica en la Uandes- participante
J. Monteiro, L. (Participant)
2018 → 2025

The role of FOXM1 in early placentation in normal pregnancy
J. Monteiro, L. (Speaker)
24 Oct 2016

1714 Biología Celular y Molecular en Biomedicina (T1)
J. Monteiro, L. (Participant)
2016 → 2025

Placental aromatase is deficient in placental hypoxia and preeclampsia
J. Monteiro, L. (Speaker)
15 Jul 2015

Press/Media

Grants

FONDECYT REGULAR - 1241103: DECIPHERING THE ROLE OF MITOCHONDRIAL TRANSFER IN THE PATHOPHYSIOLOGY OF PREECLAMPSIA
Illanes, S. (PI), Acuña, S. (CoI), J. Monteiro, L. (CoI) & Nardocci, G. (CoI)
Agencia Nacional de Investigación y Desarrollo: CLP242,135.00
1/04/24 → 31/03/28

Projects

IMPACT: CENTER OF INTERVENTIONAL MEDICINE FOR PRECISION AND ADVANCED CELLULAR THERAPY (IMPACT)
Khoury, M. (Director), Alcayaga-Miranda, F. (Principal Investigator), Cuenca, J. (Principal Investigator), Acevedo, J. P. (Principal Investigator), Figueroa, F. (Principal Investigator), Luz Crawford, P. A. (Principal Investigator), Wyneken, Ú. (Principal Investigator), Illanes, S. (Principal Investigator), Batiz, L. F. (Associate Investigator), Busso, D. (Associate Investigator), J. Monteiro, L. (Associate Investigator), Nardocci, G. (Associate Investigator), Enrione, J. I. (Associate Investigator), Espinoza, F. (Associate Investigator), Valenzuela Bravo, M. T. (Associate Investigator) & Prieto, M. L. (Associate Investigator)
Agencia Nacional de Investigación y Desarrollo
1/11/21 → 31/10/26

FONDECYT REGULAR - 1241103: DECIPHERING THE ROLE OF MITOCHONDRIAL TRANSFER IN THE PATHOPHYSIOLOGY OF PREECLAMPSIA
Illanes, S. (Principal Investigator), J. Monteiro, L. (Co-Investigator), Nardocci, G. (Co-Investigator) & Acuña, S. (Co-Investigator)
Agencia Nacional de Investigación y Desarrollo
1/04/24 → 31/03/28

FOVI-240182: DESARROLLO DE NUEVOS BIOMARCADORES Y ALGORITMOS PARA PREDICCIÓN DE SÍNDROMES OBSTÉTRICOS: CHILE-SINGAPUR
Illanes, S. (Principal Investigator) & J. Monteiro, L. (Alternate Director)
1/11/24 → 1/11/25

FAIN - 202201: Desarrollo de un algoritmo multiparamétrico para diagnóstico no invasivo de endometriosis
J. Monteiro, L. (Director)
16/08/22 → 16/11/23

FAI- Apoyo a Organización de Congresos 2023: Jornada de Actualización en Endometriosis: de la investigación a la práctica clínica
J. Monteiro, L. (Principal Investigator)

FONDECYT REGULAR - 1211384: PRENATAL STRESS: MATERNAL ASTROCYTE-DERIVED EXTRACELLULAR VESICLES AS A NOVEL STRESS-TRANSFER MECHANISM CONTRIBUTING TO ADVERSE OFFSPRING NEURODEVELOPMENT
Batiz, L. F. (Principal Investigator), Nardocci, G. (Co-Investigator), Wyneken, Ú. (Co-Investigator), Illanes, S. (Co-Investigator), J. Monteiro, L. (Co-Investigator) & Caradeux, J. (Co-Investigator)
Agencia Nacional de Investigación y Desarrollo
1/04/21 → 31/03/25

IDEA I+D 2025 - ID25I10350 : RNAs no codificantes: potencial uso en el diagnóstico molecular de retardo de crecimiento fetal tardío
Illanes, S. (Director), Nardocci, G. (Alternate Director) & J. Monteiro, L. (Co-Investigator)
1/07/25 → 1/07/27

FONDECYT REGULAR - 1201851: ROLE OF MESENCHYMAL STEM CELLS IN IMPLANTATION AND THEIR CONTRIBUTION TO THE DECIDUALIZATION DISORDERS PRESENT IN PREECLAMPSIA
Illanes, S. (Principal Investigator), Pino-Lagos, K. (Co-Investigator), J. Monteiro, L. (Co-Investigator) & Acuña, S. (Co-Investigator)
Agencia Nacional de Investigación y Desarrollo
1/04/20 → 31/03/23

FONDECYT REGULAR - 1230932: THE POTENTIAL ROLE OF MENSTRUAL MESENCHYMAL STEM CELLS IN THE ETIOPATHOLOGY OF ENDOMETRIOSIS AND ITS ASSOCIATION WITH IMPAIRED ENDOMETRIUM RECEPTIVITY
J. Monteiro, L. (Principal Investigator), Donoso, M. B. (Co-Investigator), Vega-Letter, A. M. (Co-Investigator), Illanes, S. (Co-Investigator) & Luz Crawford, P. A. (Co-Investigator)
Agencia Nacional de Investigación y Desarrollo
1/04/23 → 31/03/27

The role and regulation of FOXM1 in chemotherapy resistance in breast cancer
J. Monteiro, L. (Principal Investigator)
1/01/09 → 31/12/12

FONDECYT INICIACIÓN - 11181249: THE ROLE OF FOXM1 IN EARLY PREECLAMPSIA-RELATED EVENTS
J. Monteiro, L. (Principal Investigator)
Agencia Nacional de Investigación y Desarrollo
1/11/18 → 16/05/23

The role of the aromatase pathway in 2-methoxyestradiol synthesis in the pathogenesis of preeclampsia
J. Monteiro, L. (Principal Investigator) & Illanes, S. (Sponsoring Researcher)
2/11/13 → 30/11/17

Validación de algoritmo multiparamétrico para la predicción temprana de Diabetes Gestacional mediante marcadores plasmáticos maternos
Illanes, S. (Director), J. Monteiro, L. (Alternate Director), Correa, P. (Co-Investigator) & Monckeberg, M. (Co-Investigator)
1/01/20 → 1/01/23

Courses

DOCB1110 Biología Celular y Molecular en Biomedicina

J. Monteiro, L., Nardocci, G., Batiz, L. F., Busso, D., Acevedo, J. P., Luz Crawford, P. A. & Wyneken, Ú.
22/03/21 → 30/06/21

DOCB1210 Avances Biotecnológicos en Medicina

J. Monteiro, L., Contardo, I., Nardocci, G., Acevedo, J. P., Khoury, M., Figueroa, F., Luz Crawford, P. A., Pino-Lagos, K., Wyneken, Ú., Alcayaga-Miranda, F., Enrione, J., Irarrazabal Muñoz, C. E., Illanes, S., Batiz, L. F., Chaparro, A., Haidar, Z. S., Díaz Calderón, P. & Sadarangani Khainey, A. P.
2/08/21 → …

DOCB3364 Tópicos Avanzados en Biomedicina: Contenido Optativo

J. Monteiro, L., Busso, D., Illanes, S., Batiz, L. F., Chaparro, A. & Monckeberg, M.
20/08/20 → 14/12/20

NRC2217 Investigación Preclínica

J. Monteiro, L. & Chaparro, A.
9/03/20 → 30/06/20

NRC4144 Investigación Biomédica en la UANDES

Pino-Lagos, K., Contardo, I., Díaz Calderón, P., Luz Crawford, P. A., Wyneken, Ú., Illanes, S., Busso, D., J. Monteiro, L., Irarrazabal Muñoz, C. E. & Nardocci, G.
1/06/18 → …

Doctoral Thesis (ongoing)

El eje IL-8/CXCR1 regula la liberación de vesículas extracelulares con un perfil protumorigénico provenientes de células de cáncer de ovario.

Albano J. Cáceres Verschae (Author)
Estudiante Doctorado en Biomedicina Universidad de los AndesUniversidad de San Sebastián (external)

Supervisor: Manuel Varas-Godoy
Universidad de San Sebastián (external)

Co-Supervisor: **Lara J. Monteiro** Centro de Investigación e Innovación Biomédica Doctorado en Biomedicina Facultad de Medicina Grupo de Placentación Temprana Programa de Biología de la Reproducción Claustro Doctorado en Biomedicina

2018 → …