

Juan Montagne, MD

Toronto General Hospital - University Health Network
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EDUCATION

- 2025-on going **Lung Transplant Fellow**
Toronto General Hospital - UHN.
University of Toronto. Toronto, ON. Canada
- 2024-2025 **Thoracic Surgery Fellow**
Toronto General Hospital - St. Joseph's Health Centre - Michael Garron Hospital.
University of Toronto. Toronto, ON. Canada
- Jan 2024- Jun2024 **Interventional Thoracic Surgery**
Toronto General Hospital - UHN. University of Toronto,
Toronto, ON. Canada
- 2018-2022 **Thoracic surgery and Lung Transplant Fellowship**
Hospital Italiano de Buenos Aires. Joint Commission certified 3rd level teaching hospital - www.hospitalitaliano.org.ar
Buenos Aires, Argentina.
- 2017-2018 **General Surgery Chief of Resident - Junior Attending**
Hospital Italiano de Buenos Aires. Joint Commission certified 3rd level teaching hospital - www.hospitalitaliano.org.ar
Buenos Aires, Argentina.
- 2013-2017 **General Surgery Residency Program**
Hospital Italiano de Buenos Aires. Joint Commission certified 3rd level teaching hospital - www.hospitalitaliano.org.ar | University of Buenos Aires.
Buenos Aires, Argentina.
- 2007-2012 **Doctor of Medicine (MD)**
School of Medicine, Instituto Universitario Italiano de Rosario.
Rosario, Santa Fe | Argentina - <https://www.iunir.edu.ar/>

CLINICAL & RESEARCH EXPERIENCE

- Sept 2025-Jun 2026 **Chief of Surgical Lung Transplant Fellows**
Toronto Lung Transplant Program - Toronto General Hospital, UHN.
University of Toronto, ON. Canada.

- 2021-2025 **Assistant Professor - University of Hospital Italiano de Buenos Aires**
Surgical Department.
Provided clinical and simulation-based training to medical students and surgical residents and surgical community.
- 2022-2024 **Clinical Ex Vivo Lung Perfusion Team Member**
Lung Transplant Program, Toronto General Hospital, University Health Network, Canada
Provided clinical support by assisting with lung perfusion during EVLP for marginal donor lungs.
- 2022-2024 **Postdoctoral Research Fellow**
Toronto General Research Institute, UHN. University of Toronto, Canada.
Conducted research in lung transplantation, lung preservation, and ex vivo lung perfusion. Investigated mechanisms of lung repair using ex vivo lung perfusion platforms.
- 2018-2024 **Head of Laboratory of the Surgical Training Center - CUESIM**
University of Hospital Italiano de Buenos Aires. Buenos Aires, Argentina.
<https://instituto.hospitalitaliano.edu.ar/>
Led the development and implementation of the Surgical Skills Simulation Center, including the design of surgical simulation models, standardization of usage protocols, and promotion of simulation-based courses for internal and external medical professionals.
- 2017-2023 **Associated Physician - Surgery Department**
Surgical Department, Hospital Italiano de Buenos Aires. Buenos Aires, Argentina. Hospitalitaliano.org.ar
Hospital Italiano de Buenos Aires is a 3rd level University Hospital and serves as a national referral centre for Oncology and Organ Transplantation.
- 2017-2022 **Attending On-call General Surgeon - Internal Medicine**
Surgical Department, Hospital Italiano de Buenos Aires. Buenos Aires, Argentina. Hospitalitaliano.org.ar
Primary attending surgeon for weekly general surgery on-call shifts, independently managed and performed urgent and emergency surgical procedures and supervised and trained surgical residents during emergency operations.. Hospital Italiano de Buenos Aires serves as a national referral centre for Oncology and Organ Transplantation.
- June 2017 - **Chief Resident**
May 2018 Surgical Department, Hospital Italiano de Buenos Aires.
Buenos Aires, Argentina.
Supervision and instruction of 50 medical graduates training as resident physicians in the Surgical Department.
Quality improvement during assessment and accreditation by the Joint Commission International.

2013-2017 **Resident Physician**

General Surgery Department, Hospital Italiano de Buenos Aires (HIBA).
Buenos Aires, Argentina.

4-year program in comprehensive in- and outpatient medical care in one of Argentina's leading university hospitals. Clinical experience in open-minimally invasive surgery, Intensive Care and Humanitarian Medicine.

HONORS & AWARDS

ISHT 2025 International Visiting Scholarship

With the goal of visiting leading lung transplant programs to identify potential referral centers for patients from countries without established lung transplant services.

Griffith Pearson Award for the Best Resident/Fellow Teacher

Thoracic Surgery - University of Toronto. 2024-2025

ALAT 2025 - Best Abstract Award in Lung Transplantation - Top 4 congress abstract

Optimización de la Preservación de Pulmones Provenientes de donación no controlada: Combinación de Almacenamiento a 10°C y EVLP. Estrategia Para Pulmones Afectados Por Isquemia Caliente.

Full Scholarship for Improvement in Lung Transplantation Course

Pan American health association. São Paulo, 2018. Aprimoramento em Transplante Pulmonar. São Paulo, Brasil. Organización Panamericana de la Salud. 2018.

Elected Chief Residents Grant for Teaching

For use in an observation program. 2017. Destination IRCAD Strasbourg, France.
Need- and merit-based, chosen by general surgery residents and staff.

First Price Scholarship Ingeniero Tessler award, 9no Research Event

"Effect of Mosapride in restoring intestinal transit after colorectal surgery" Clinical Trial launching, Hospital Italiano de Buenos Aires.

PEER-REVIEWED PUBLICATIONS & PRESENTATIONS

2026
Article **Itaconate supplementation leads to improvement in donor lung function after extended hypothermic preservation.**

Gabriel Siebiger, Aizhou Wang, Jenny Yune, Juan Montagne, Guillermo Garza, Thomas Lima, Keiji Yamanashi, Paolo Oliveira, Fei Y Gao, Yu Zhang, Catherine A Bellissimo, Tanroop Aujla, Erika Beroncal, Aadil Ali, Ewan C Goligher, Ana C Andreatza, Mingyao Liu, Shaf Keshavjee, Marcelo Cypel
J Thorac Cardiovasc Surg. 2026 Mar 19:S0022-5223(26)00768-3. doi: 10.1016/j.jtcvs.2026.03.570

- 2025
Abstract **Evaluating the Effects 10°C Cold Static Preservation Before and After EVLP in a Large Animal Warm Ischemia Injury Model**
J. Montagne, A. Wang, G. Loesch Siebiger, J. Yune, Y. Zhang, K. Yamanashi. G. Garza. F. Gao. N. Furi. M. Morais, M. Liu, S. Keshavjee, M. Cypel.
The Journal of Heart and Lung Transplantation, Volume 44, Issue 4, S8 - S9
- 2025
Abstract **Optimización de la preservación de pulmones provenientes de muerte no controlada: combinación de almacenamiento a 10 grados y EVLP. Estrategia para pulmones afectados por isquemia caliente.**
Montagne J. Wang A, Lima T, Garza G, Siebiger G, Yune J, Gao F, Cypel M
ALAT 18 Congress - Best transplant abstract. Top 4 congress abstract.
- 2025
Journal Article **Angiotensin-(1-7) preconditioning during 10°C static preservation improves early post-transplant graft function in a rat lung transplantation model.**
Oliveira P, Wang A, Yamanashi K, Zhang Y, Pal P, Garza G, Montagne J. Siebiger G, Furie N, Yune J, Keshavjee S, Pêgo-Fernandes P, Cypel M.
Journal of Heart and Lung Transplantation 44, 2012–2021 (2025).
- 2025
Journal Article **Modified passive leg-raising maneuver to predict fluid responsiveness by transthoracic ultrasound guidance in healthy pigs under sevoflurane anesthesia.**
Lisa Tarragona, Pablo Donati, Andrea Zaccagnini, Santiago Fuensalida, Martín Ceballos, Alfredo Díaz, Néstor Nigro, Juan Montagne, José Ignacio Redondo, Pablo Otero
Journal of Veterinary Emergency and Critical Care
- 2024
Abstract **Evaluating Effects of 10°C Preservation on Warm Ischemia Injured Lungs**
J. Montagne, A. Wang, G. Loesch Siebiger, J. Yune, T. Lima, Y. Zhang, K. Yamanashi, G. Garza, P. Oliveira, A. Ali, M. Liu, S. Keshavjee, M. Cypel.
The Journal of Heart and Lung Transplantation, Volume 43, Issue 4, S18
- 2025
Journal Article **Metabolomic studies reveal an organ-protective hibernation state in donor lungs preserved at 10 °C.**
Wang A, Ali A, Baciu C, Bellissimo C, Siebiger G, Yamanashi K, Montagne J. Garza G, Goligher E, Keshavjee S, Liu M, Cypel M.
Journal of Thoracic and Cardiovascular Surgery vol. 169 796-810.e1 (Elsevier Inc., 2025).
- 2025
Journal Article **Protective effects of 10 °C preservation on donor lungs with lipopolysaccharide-induced acute lung injury.**
Yamanashi K Wang A, Bellissimo C, Siebiger G, Oliveira P, Zhang Y, Montagne J. Garza G, Furie N, Pal P, Liu M, Goligher E, Keshavjee S, Cypel M.
Journal of Thoracic and Cardiovascular Surgery vol. 169 e74–e87 (Elsevier Inc., 2025).
- 2021
Journal Article **Complications following transbronchial biopsy: the role of cryobiopsy in the incidence of postoperative pneumothorax**
Smith D, Raices M, Bequis M, Las Heras M, Wainstein E, Castro R, Montagne J. Dietrich A
Rev. Fac. Cien. Med. Univ. Nac. Cordoba 78, 29–32 (2021).

- 2021
Journal
Article **Emergency pulmonary lobectomy in a patient with severe hemoptysis due to COVID-19**
Raíces M, Theaux J, Montagne J, Dietrich A.
Medicina (B Aires). 81, 1048–1051 (2021).
- 2021
Journal
Article **Incidence of venous thromboembolism and bleeding after pulmonary lobectomy: evaluating the timing for thromboprophylaxis.**
Smith D, Raices M, Diego C, Julián D, Montagne J, Dietrich A.
J. Thromb. Thrombolysis 51, 997–1004 (2021).
- 2021
Journal
Article **Pneumothorax after percutaneous transthoracic lung biopsy. Non-invasive management in order to avoid unnecessary hospitalizations.**
Calderon Novoa F, Dietrich A, Raices M, Montagne J, Borensztein M, Smith D.
Rev. Fac. Cien. Med. Univ. Nac. Cordoba 78, 37–40 (2021).
- 2020
Journal
Article **Navigation-Guided Chest Wall Resection in Patient with a History of Resected Sarcoma with Compromised Oncological Margins.**
Olivera Lopez, S. B, Ritacco, L. E, Dietrich, A, Montagne J, A. & Smith, D
Arch. Bronconeumol. 56, 178–179 (2020).
- 2020
Journal
Article **Tracheostomy in the intensive care unit: Guidelines during COVID-19 worldwide pandemic.**
Smith D, Montagne J, Raices MDietrich A, Bisso I, Las Heras M, San Román J, García Fornari G, Figari M.
Am. J. Otolaryngol. 41, (2020).
- 2019
Journal
Article **Accuracy of positron emission tomography and computed tomography (PET/CT) in detecting nodal metastasis according to histology of non-small cell lung cancer.**
Smith D, Fernandez Aramburu J, Da Lozzo A, Montagne J, Beveraggi E, Dietrich A.
Updates Surg. 71, 741–746 (2019).
- 2015
Journal
Article **Seroprevalencia de la infección por Trypanosoma Cruzi en cinco parajes del “Monte Impenetrable” de la provincia de Chaco.**
Medicina- Volumen 72 - (Supl. II), 2012.

ELECTIVE ROTATIONS

- 2022 1 month Observership. **TGH, UHN.** Thoracic Surgery Department.
- 2017 2 month observership **IRCAD-IHU- Nouvel Hôpital Civil** - Hôpitaux Universitaires de Strasbourg.
- 2012 2 Month Observership. **Università La Sapienza. I Chirurgia**, Humberto Primo Oncologic Surgery.

TEACHING EXPERIENCE

- 2021 - 2025 **Assistant Professor - University of Hospital Italiano de Buenos Aires**
Instituto Universitario del Hospital Italiano de Buenos Aires.
<https://instituto.hospitalitaliano.edu.ar/>
- 2018 - 2022 Resident Instructor, General Surgery Hospital Italiano de Buenos Aires.
- 2008 - 2009 **Human Physiology** - Teaching Assistant
Physiology Department, Instituto Universitario del hospital Italiano de Rosario,
Santa Fe, Argentina. <https://www.iunir.edu.ar/>
- 2008 - 2011 **Human Anatomy** - Teaching Assistant
Anatomy Department, Instituto Universitario del hospital Italiano de Rosario,
Santa Fe, Argentina. <https://www.iunir.edu.ar/>

ADDITIONAL COURSEWORK

- 2024-2025 **The Global Health Education Initiative**
Program for Postgraduate Medical Education
University of Toronto. Toronto, On. Canada.

HUMANITARIAN MEDICINE WORK

- 2003-2022 **SOS Aborigen non-profit organization.**
Long-standing collaboration since early adulthood, including during medical school and surgical training (through 2022). Served Indigenous and non-Indigenous populations in underserved regions of Argentina. Contributed to the development of essential community infrastructure, including schools, health posts, and water wells

LANGUAGES

English	Fluent	- 2023 TOEFL (iBT) - 2023 CELPIP.
Italian	Advanced	- Primary school, High school and University level.
Spanish	Native Speaker	