# Leandro Güttlein, PhD, MBA candidate.

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## 1. EDUCATION

1.1. **IAE Business School.** Pilar, Buenos Aires. Argentina.

1.1.1. *Master of Business Administration, MBA.* 2020-2021

1.2. **Universidad de Buenos Aires (UBA).** Buenos Aires, Argentina.

1.2.1. *PhD, Molecular Biology*. April 2012 - April 2017.

1.3. **Universidad Nacional del Litoral (UNL).** Santa Fe, Argentina.

1.3.1. *MSc in Biotechnology, with honors*. February 2006 - July 2011.

## 2. PROFESSIONAL EXPERIENCE

2.1. **Biomakers S.A.** Buenos Aires, Argentina.

2.1.1. *Laboratory Manager.* Since November 2018.

- Managed a team that use Next Generation Sequencing (NGS) among other technologies to analyze biomarkers for more than 9.000 cancer patients annually, under ISO 9001:2015 quality standards and international certifications.
- Managed two clinical research projects related with precision medicine in oncology.
- Supported the design and implementation of business and medical strategies of the company and ensure the launch of new biomarkers testing programs at regional scale.
- Drive awareness and education to oncologists for precision medicine related topics.

2.1.2. *Laboratory Coordinator.* June 2017 – November 2018.

- Developed and implemented new biomarkers assays that expanded the services portfolio of the company.
- Published a scientific communication related with the use of liquid biopsy in colorectal cancer.
- Delivered scientific presentations related with precision medicine to oncologists.

2.2. **Scientific advisor for pharmaceutical companies (selected).**

2.2.1. Scientific Advisor. Amgen. Buenos Aires, Argentina. September 2020.

2.2.2. Invited speaker. Amgen. Buenos Aires, Argentina. September 2020.

2.2.3. Advisory Board Member. Merck Serono. Buenos Aires, Argentina. January 2020.

2.2.4. Invited speaker. Bristol Meyer Squibb Argentina. Buenos Aires, Argentina. August 2019.

2.2.5. Invited speaker. Bristol Meyer Squibb Argentina. Mendoza, Argentina. March 2019.

2.3. **Fundación Instituto Leloir (CONICET).** Buenos Aires, Argentina.

2.3.1. *PhD student at Gene & Molecular Therapy Laboratory.* April 2012 – April 2017.

- Investigated new biomarkers of cancer chemotherapy and immunotherapy.
- Published four peer-reviewed journal articles and six congress communications.
- Obtained funding for cancer genomic research from three international organizations.

2.4. **Instituto de Agrobiotecnología del Litoral (UNL-CONICET).** Santa Fe, Argentina.

2.4.1. *Undergraduate student at Molecular Biology Laboratory.* March 2009 - March 2011.

2.5. **Laboratorio Nacional de Luz Sincrotrón (LNLS).** Campinas, SP, Brazil.

2.5.1. *Undergraduate student with Dr. Andrea Balan.* January 2009 - February 2009.

## 3. TEACHING EXPERIENCE

3.1. **Universidad Argentina de la Empresa (UADE). Facultad de Ingeniería y Ciencias Exactas. Departamento de Biotecnología y Tecnología Alimentaria.** Buenos Aires, Argentina.

3.1.1. *Associate Professor.* From March 2017.

- Taught in courses of molecular genetics, with a special focus in precision medicine.
- Managed a R&D project and evaluated more than 15 biotech-related projects.
- Tutored six bachelor's theses.
- Awarded with the prize “Best Professor 2018”.

3.1.2. *Grade in Chief Practical Course.* From March 2014 to March 2017.

3.1.3. *Teaching assistant.* From October 2011 to March 2014.

3.2. **Universidad Favaloro. Programa de Rotaciones. Oncología.** Buenos Aires, Argentina.

3.2.1. Lecture “Fundamentos de medicina de precisión en oncología”. September 2019.

3.3. **Instituto Universitario Hospital Italiano. Cátedra de Medicina Molecular.** Buenos Aires, Argentina

3.3.1. Lecture “Introduction to targeted therapies”. May 2017.

3.4. **Post-graduate courses.**

3.4.1. *“Preclinical models for antitumor drugs testing and precision medicine”* Grade in chief practical course. Fundación Instituto Leloir. Buenos Aires, Argentina. April 2015**.**

*3.4.2.* **“***Biomarcadores predictivos de terapias dirigidas e inmunoterapias en cáncer de pulmón: fundamentos y determinaciones”.* Curso anual de actualización en cáncer de pulmón. Rosario, Argentina. May 2019.

## 4. SCIENTIFIC PRODUCTION

### 4.1. **Peer-reviewed journal articles**

4.1.1. Chervo MF, Cordo Russo RI, Petrillo E, Izzo F, De Martino M, Bellora N, Cenciarini ME, Chiauzzi VA, Santa María de la Parra L, Pereyra MG, **Güttlein LN**, *et al.* (2020) Canonical ErbB-2 isoform and ErbB-2 variant c located in the nucleus drive triple negative breast cancer growth. *Oncogene.* https://doi.org/10.1038/s41388-020-01430-9

4.1.2. Alfano AL, Nicola Candia A, Cuneo N, **Güttlein LN**, *et al.* (2017) Oncolytic Adenovirus-Loaded Menstrual Blood Stem Cells Overcome the Blockade of Viral Activity Exerted by Ovarian Cancer Ascites. *Mol Ther Oncolytics*; 6: 31–44.

4.1.3. **Güttlein LN**, *et al.* (2017) Predictive outcomes for HER2-enriched cancer using growth and metastasis signatures driven by SPARC. *Mol Cancer Res*. Vol 15 (3): 304-316.

4.1.4. Juriol LV, Gobetto MN, Mendes Garrido Abregú F, Dasso ME, Pineda G, **Güttlein L**, *et al.* (2016) Cardiac changes in apoptosis, inflammation, oxidative stress, and nitric oxide system induced by prenatal and postnatal zinc deficiency in male and female rats. *Eur J Nutr.* DOI:10.1007/s00394-016-1343-5

4.1.5. Viola I., **Güttlein L**., Gonzalez D. (2013) *Redox modulation of plant developmental regulators from the class I TCP transcription factor family*. Plant Physiol. 162(3): 1434–1447.

### 4.2. **Conference presentations (selected)**

4.2.1. A total of fifteen refereed communications to the following scientific societies:

- XXIV Congreso Argentino e Internacional de Oncología Clínica. AAOC. Argentina. 2019.
- XIV Conferencia “Dra. Miryam Losanovscky”. Enfoque Multidisciplinario del Cáncer de Pulmón. Buenos Aires, Argentina. 2019. (Invited speaker)
- VII Congreso Internacional de Oncología del Interior – AOCC. Argentina. 2018 (Invited speaker)
- XXXIII Jornadas multidisciplinarias del Instituto de Oncología Ángel H. Roffo. Argentina. 2018, 2019.
- American Association of Cancer Research (AACR). United States. 2012, 2015, 2016.
- Sociedad Argentina de Hipertensión. Argentina. 2015
- Sociedad Argentina de Investigación Clínica (SAIC). Argentina. 2012, 2014
- Sociedad Argentina de Bioquímica y Biología Molecular (SAIB). Argentina. 2010.
- Laboratorio Nacional de Luz Sincrotrón (LNLS). Brazil. 2009.

## 5. ACADEMIC AWARDS & DISTINCTIONS (selected)

5.1. **Award "Best Professor 2018".** Universidad Argentina de la Empresa (UADE). Facultad de Ingeniería y Ciencias Exactas. Departamento de Biotecnología y Tecnología Alimentaria. December 2018. Buenos Aires, Argentina.

*5.2.* **Biennial Award "Florencio Fiorini en Cáncer Año 2017".** Accésit. Fundación Florencio Fiorini y Liga Argentina de Lucha contra el Cáncer. November 2017. Buenos Aires, Argentina.

*5.3.* **Award "Asociación Química Argentina 2012"**. Award to the best students at national chemistry schools. August 2012. Buenos Aires, Argentina.

*5.4.* **Award "Cuadro de Honor"**. Award to the best students at universities of Santa Fe. August 2012. Rosario, Argentina.

## 6. POSTGRADUATE COURSES (selected)

6.1. *"Optimizing outcomes in lung cancer through fast and accurate patient selection".* AstraZeneca. Lima, Perú. 2019.

6.2. *"Use of tumor mutational burden as predictive biomarker for immunotherapy".* Cologne University. Germany. 2018

6.3. *"Introduction to Illumina Next Generation Sequencing Technologies".* Biosystems. 2018

6.4. *"Molecular physiology of immune system".* UBA. 2015

6.5. *"Signal Transductions Pathways". UBA. 2014.*

6.6. *"Functional Genomic and Systems Biology".* Wellcome Trust Genome Campus. Hinxton, Camdridge, UK. 2014.

6.7. *"Cancer: from basic research to the clinic".* IByME. 2012.

## 7. LANGUAGE SKILLS

7.1. **Spanish.** Native speaker.

7.2. **English**. Fluent speaker. Level Senior 6 (Advanced B2). Argentine Association of English Culture (AACI). Buenos Aires. Argentina.