Maria ROMINA GIROTTI

Profile

Dedicated oncology scientist with +15 years-experience in precision medicine and immunotherapy. Strong problem solving and analytical skills obtained while working on various applied research projects both in academia and in pharmaceutical companies. Strong teamwork attributes gained through leading research projects with multidisciplinary team members and leading collaborative projects in academia and with pharmaceutical companies. Skilled budget manager and negotiator. Strategic, creative and innovative thinker. Experienced in both preclinical and clinical development. Excellent interpersonal skills and exemplary presentation skills in over 100 scientific conferences. Member of most prominent international cancer associations.

Employment History

Director of the Translational Immuno-Oncology Laboratory, Institute of Biology and Experimental Medicine, Buenos Aires, Argentina

2016 - PRESENT

- Directs and performs bioinformatic analysis and meta-analysis on clinical data for biomarker discovery in immuno-oncology.
- Provides training and supervision to postdocs, PhD students and technicians on precision medicine, precision immunotherapy and novel biomarkers in oncology.
- Designs experiments, critically interprets data and provides future directions.
- Works across multiple groups to develop and evaluate preclinical therapeutic efficacy of targeted therapies and immunotherapies in oncology.
- Develops assays and models for efficacy testing and leads selection of immuno-oncology approaches and combination therapies.
- Directs budget execution from national and international funding agencies.

Scientific Advisor R&D, Biomakers SA, Buenos Aires, Argentina

2019 - PRESENT

- Provides precision medicine and biomarker oncology expert insight.
- Provides strategic assessment of opportunities for novel biomarker testing in Argentina and LATAM.
- Works closely with pharmaceutical companies to support biomarker testing and epidemiological studies in Argentina and LATAM.
- Assists medical oncologists and pharmaceutical companies queries on biomarker and clinical data interpretation.
- Leads internal scientific projects and directs the scientific training program offered to pharmaceutical companies and medical oncologists.

Scientific Advisor in Molecular Biology, Institute Alexander Fleming - Buenos Aires

2019 - PRESENT

- Provides scientific advice and expert knowledge into genomics data interpretation and biomarker determination to medical oncologists
- Discusses with a multidisciplinary team on oncologists, pathologists and geneticists the best course of action for biomarker testing in tumor and liquid biopsies.
- Liaises with genomics testing providers and medical oncologists for timely reports and accurate data interpretation.

Scientific Advisor, Pharmaceutical Companies, LATAM

2017 - PRESENT

- Provides expert scientific advice to pharmaceutical companies in oncology.
- Speaker to pharmaceutical companies in oncology.

Details

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Nationality

Argentina

Driver License

Yes

Links

Biomakers SA

IBYME

Genes4Health_

Skills

ImmunoOncology Expert

Oncology Biomarkers Expert

Oncology Genomics Expert

Dedicated team player

Project Leader

Languages

English

Spanish

Italian

Associate Professor, UADE University, Buenos Aires, Argentina

2017 - PRESENT

- Professor to undergraduate students of Biotechnology and Bioinformatics in the best practices in tissue culture and precision medicine and the principles of state-of –the-art genomics and proteomics technologies.
- Directs undergraduate student's thesis projects in immuno-oncology.
- Collaborates in scientific training with Humanitas University in Milan, Italy.

Co-Founder, Genes4Health, Buenos Aires, Argentina

2016 - PRESENT

- Provides academic training to universities and to the work force (sales department, marketing, medical affairs) of pharmaceutical companies (Amgen, Novartis).

Postdoctoral Research Fellow, Cancer Research UK, Manchester, UK

2012 -2016

- Developed a platform for personalized medicine
- Contributed to Phase I clinical trials and biomarker determination.
- Validated novel biomarkers of resistance to targeted therapies in melanoma.
- Directed technicians, PhD students and junior postdoctoral fellows.

Postdoctoral Fellow, The Institute of Cancer Research, London UK

2011 -2012

- Developed a translational research project to investigate the mechanisms of resistance to targeted therapies in melanoma models and patient samples.

Education

PhD in Oncology, University of Buenos Aires, Buenos Aires, Argentina

2004 -2010

Performed a PhD project on the role of the extracellular matrix proteins in melanoma invasiveness and progression. Applied novel mass spectrometry technologies and molecular biology for the study of the secretome in high vs low invasive melanoma cells. Performed bioinformatics analysis. Qualification: Outstanding.

Biochemistry, BSc, Universidad Nacional del Sur, Bahia Blanca, Argentina

1999-2004

BSc Degree in Biochemistry applied to the analysis of patient clinical samples in hospitals. Graduated with best GPA Award (9,27 / 10).

Conferences, Publications, Patents, Awards, Grants

80+ Presentations in Scientific Conferences

2000 - PRESENT

30 Scientific Publications

2012 - PRESENT

20+ Fellowships and Awards, International

2000 – PRESENT

2 Patents in Oncology and Immuno-Oncology

2015 AND 2019

4 Grants for research in Oncology and Immuno-Oncology

2015, 2016, 2017 and 2019

Mentoring

- 5 PhD Theses under supervision or supervised or co-supervised
- 3 Master MD students supervised
- 1 Research Associate in ongoing supervision
- 19 Undergraduate students in ongoing supervision or supervised
- 3 Laboratory Technicians supervised