

## Summary of Qualifications

Strategic executive, renowned scientist and geneticist with far-reaching impact in Canadian and international academia, industries and governments. Known for addressing industry unmet needs through rapid implementation of innovative genomic solutions, and leading and developing high performance teams.

## Profile Highlights

- Executive leadership in research, development, innovation in genetics in Canada and abroad
- Adjunct Professor at University of Guelph, accomplished trainer advising Post-Doc, PhD, Masters students
- President of Genetic Commission for EAAP
- Recipient of multiple prestigious awards in Canada, US and Europe
- Past-President of Canadian Society of Animal Science, Editor-in-Chief of Canadian Journal of Animal Science
- Author of 4 book chapters, 156 scientific journal articles, over 600 technical articles/conference proceedings

## Relevant Experience

- **Lactanet (formerly Canadian Dairy Network, CDN)**

Lactanet is a not-for-profit organization funded by industry, dedicated to providing excellence and leadership in dairy herd improvement through quality genomic evaluation services and efficient information infrastructure

### Senior Advisor (Jan 2021 – present) & Chief, Research & Strategic Development (Sep 2013 – Dec 2018)

Leader responsible for oversight and management of industry priority research projects, planning and execution of major industry initiatives working collaboratively with government and academia stakeholders

- **Ontario Genomics**

Ontario Genomics is a not-for-profit organization funded by government dedicated to stimulating, enabling, nurturing and applying genomics innovations in the province of Ontario across key sectors of the bio-economy.

### Chief Scientific Officer and VP Innovation and Programs

Jan 2019 – Jul 2020

Leader of Sector Innovation and Research Programs and team oversight to capture and maximize the benefits of advanced genomic research. Responsible for defining OG's scientific vision, providing leadership and team support, managing relationships with key external partners, stakeholders across multiple sectors.

## Senior Leadership Skills and Achievements

### Leadership and Strategic Partnering

- Highly effective strategic and operational executive, supporting the advancement of genomics solutions across bio-economic sectors, engaging key partners spanning multiple sectors and innovation initiatives.
- Known for effective relationship building, fostering collaborative engagement internally and externally, involving renowned scientists to collaborate in research efforts aligned with industry and regional priorities
- Initiated and successfully hosted various provincial, national, and international technical workshops attended by large gatherings of genomic scientists and industry partners
- Highly active member, leader and chair for industry committees and boards involving decision makers from industry/government/academia with mandates for setting research priorities, approving new methodologies and tools, reviewing projects and allocating funds, establishing policies and protocols

### Research and Team Management

- Leader of industry driven research that has significantly enhanced the profile nationally and internationally, and scientific level of research programs in multi-sector genetics in industry/government/university
- Highly regarded collaborator leading high performance teams and overseeing integrated genomic initiatives, includes leading research and development projects, and teams of PhD students and researchers
- Managed research projects as principal scientist with budgets exceeding \$18.6 million

### Trainer and Coach

- Recognized trainer as adjunct professor, mentoring highly skilled trainees (40 PhD and Master students and 15 Post-Doctoral Fellows and Project Managers), all achieving industry employment in Canada and abroad
- Guide students, researchers, producers, industry technicians in applied population genetics and genomics

### Author and Editor

- Scientific publications include 156 peer-reviewed papers, 3 book chapters, 117 congress proceeding publications, 198 congress abstracts, and 320 technical/extension articles - [full publication list upon request](#)
- Editor-in-Chief for Canadian Journal of Animal Science, Special Editor for Journal of Dairy Science
- h-index: 35

### Awards and Recognition

- **Awards** - Dr. Miglior is recipient of the following prestigious international awards for outstanding research in animal genetics: **2018 ASAS Rockefeller Prentice Award in Animal Breeding and Genetics; and 2013 ADSA J.L. Lush Award in Animal Breeding; 2019 and 2011 ICAR Distinguished Service Award and 2016 CSAS Technical Innovation in Enhancing Production of Safe Affordable Food Award**
- **Appointments** - President of Genetic Commission for EAAP; Member of Technical Advisor Group for DairyNZ Low N multi-year project and for EU GENE-SWITCH project; Overall Chair of WCGALP in 2014 in Vancouver, BC; Editor-in-Chief for Canadian Journal of Animal Science; Senior Editor for Journal of Dairy Science (2008-2019);.

### Employment History

<b>01/2021 to present</b>	Senior Advisor, Strategic Initiatives Lactanet Canada
<b>01/2019 to 10/2020</b>	Chief Scientific Officer and VP Innovation and Programs, Ontario Genomics
<b>04/2004 to present</b>	Adjunct Professor, University of Guelph
<b>09/2013 to 12/2018</b>	Chief, Research & Strategic Development, Canadian Dairy Network (CDN)
<b>01/2000 to 08/2013</b>	Senior Research Scientist, Agriculture and Agri-Food Canada, and Research & Development Coordinator, CDN, Guelph, Canada
<b>11/1996 to 12/1999</b>	R&D Manager, ANAFI (Italian Holstein Association), Cremona, Italy
<b>Previous Roles:</b>	Chief Geneticist, AIA (Italian Livestock Farmers Association), Rome, Italy Adjunct Professor, University of Milan and University of Piacenza

### Education and Professional Development

**Ph.D.** in Animal Breeding, University of Guelph, Canada  
**Laurea** Degree in Animal Science, University of Milan, Italy