**Nelson Barton |** *Research and Development*

Nelson has served as our Senior Vice President of Research and Development since October 2015, after joining Genomatica in October 2011 as our Vice President of Research and Development. Nelson leads R&D from ideation through

technology transfer as well as continuing to advance our technology platform. From 2000 to 2011, Nelson held several roles at Verenium Corporation (formerly Diversa Corporation), including Vice President, R&D from 2008 to 2009, Sr. Vice President, R&D from 2009 to 2010 and Head of R&D starting in 2010 when Verenium’s biofuels business was acquired by BP Biofuels Corporation. From 1996 to 2000, he was Fermentation Scientist and Manager, R&D Biologics with Calbiochem-Novabiochem. Nelson holds a BA in Molecular Biology from University of California, Berkeley and a Ph.D. from University of Miami, School of Medicine. Nelson was a Postdoctoral fellow at Harvard University, Department of Cell and Development Biology and a Howard Hughes fellow at University of California, San Diego, Department of Pharmacology.

**Amy Buono |** *People and Culture*

Amy has served as our Vice President, People and Culture since August 2018. Amy is the longest-serving employee at Genomatica after Christophe Schilling, since joining the firm in 2001. Amy leads all people and culture initiatives focused on a philosophy of purpose and trust, while driving processes for a high-performance organization. As a member of Women in Bio Executive Roundtable, Amy is passionate about mentoring female scientists and engineers into leadership roles, as well as speaking publicly on culture and emotional intelligence (EQ). She graduated from University of California, San Diego with a Bachelor of Arts in Political Science.

**Carlos A. Cabrera |** *Executive Chairman*

Carlos joined our board of directors in July 2015 as Executive Chairman. From 1973 to 2009 he was at UOP LLC, now a Honeywell company. He served as Chairman, President and Chief Executive Officer from 2005 to 2009, strengthening UOP’s position as the leading licensor of chemistry-based technology to oil and gas firms worldwide.

Carlos is also a Distinguished Associate at FGE, a global energy consultancy, and serves on the Board of Directors of the Gas Technology Institute. He is member of the Global Advisory Board of The University of Chicago Booth School of Business and serves on the Advisory Board of the Chemical Engineering Department at the Illinois Institute of Technology. He is also a Board Member of the Loker Institute at the University of Southern California.

Previously, Carlos served as independent director for Ivanhoe Energy from 2010 to 2015 (and Executive Chairman from 2011 to 2015); independent director for Gevo from 2010 to 2015; and as President and CEO of the National Institute of Clean and Low Carbon Energy from 2009 to 2011.

Carlos holds an MBA from the University of Chicago and a BS in Chemical Engineering from the University of Kentucky.

**Sasha Calder | Impact**

*Impact*

Sasha joined Genomatica in January 2021, where she is Head of Impact (Sustainability, Government Affairs, Corporate Communications, ESG Investor Relations, and PR). Prior to joining Genomatica, Sasha led Sustainability at Beautycounter, where she built the beauty brand’s responsible sourcing, sustainable packaging, and climate action programs. From 2015 to 2018, she was the Director of Corporate Social Responsibility and Impact at Josie Maran Cosmetics. Sasha is also the founder of Resilience, an impact agency that works with CPGs and private equity firms and funds to consult on ESG and risk mitigation.

Sasha has a Master’s Degree from the United Nations Mandated University for Peace in Responsible Management and Sustainable Economic Development and a Bachelor’s Degree in cultural anthropology with a concentration in finance from the University of California in Santa Cruz. In 2016, Sasha was awarded GreenBiz’s ‘30 Under 30’ and in 2019 was honored on Assent’s Top 100 in CSR list. Sasha also serves as the Chair of Surfrider Los Angeles, Pando Populus’ CSO Taskforce and B Corp’s Climate Collaborative Working Group on Sustainable Packaging.

**Cameron Hibbert | Licensing**

*Vice President, Licensing*

Cameron has served as Genomatica’s Vice President, Licensing, since February 2015. For over 25 years, he has held various roles in the chemical industry, across new venture creation, business management, and chemicals and materials manufacturing. From July 2006 to January 2015, Cameron was at LyondellBasell, most recently leading the Business Management of Polyolefin Licensing. From June 1997 to July 2006, he held roles spanning operational leadership, commercial management, capital projects, and engineering roles at Basell, Montell, and Shell. Cameron received his bachelor’s degree in Chemical Engineering (Hons.) from Monash University in Melbourne and a Master of Business Administration (Hons.) from the University of Melbourne, Australia.

**Christophe Schilling, Ph.D | CEO**

*CEO, Co-founder*

Christophe co-founded Genomatica in 1998 and was named CEO in May 2009, where he leads geno’s mission to accelerate the transition to more sustainable materials.

Christophe is Chair Emeritus of Biocom, the largest advocacy organization for California’s life sciences sector and serves on BIO’s Industrial & Environmental Section Governing Board. He is also a member of YPO, an international leadership organization for chief executives, and previously served on the World Economic Forum Global Agenda Council on Biotechnology. Christophe holds a Ph.D. in bioengineering from the University of California, San Diego and earned a B.S. in biomedical engineering from Duke University.

**David Muldoon |** **CCO**

*Chief Operating Officer*

Dave joined Genomatica in September 2019, with over 30 years of experience managing both specialty and commodity chemicals. Previously, Dave was at BASF as Vice President of their Diols, Acids and Polyalcohols businesses for North America since 2011. Prior to BASF, Dave led the Plastic Additives business North America as Vice President from 2009-2011, and was President of the Plastic Additives Division for North America for Ciba Specialty Chemicals from 2006-2009.

Prior executive roles at Ciba include Vice President and then Senior Vice President of Ciba’s North America Water Treatment business from 2001-2006. Dave also spent three years as a Commercial Project Team Lead for Ciba’s Additives Division in Basel, Switzerland.

Dave has a Bachelor’s degree in Chemical Engineering from Manhattan College. He is currently an Advisory Board Member for Manhattan College’s School of Chemical Engineering, and previously held roles as an Advisory Board Member for the Ciba Foundation, the BASF NA Regional Sustainability Council, and as Chairperson of BASF’s NA Regional Marketing Council.

**Rasmus Von Gottberg | EVP**

*Chief Growth Officer & Head of Europe*

Rasmus joined Genomatica in May 2021, with over 20 years of experience building and leading industrial biotech businesses and organizations across agriculture, ag commodity processing, animal health & nutrition, biochemicals, biofuels, biopharma, food & beverages, and nutrition & health [this list might be irrelevant], globally. He is based in the Basel area. From 1999 to 2020, Rasmus served in global senior leadership roles at Novozymes, having joined prior to its IPO. These included Business Development & Acquisitions, Corporate Development, and most recently Food & Beverages Business Units & Marketing. Before that, he spent five years in management consulting at Booz Allen Hamilton, Munich, and A.T. Kearney, Copenhagen.

Rasmus has held multiple board and advisory roles, including for EverGrain Ingredients [this advisory board is currently being abolished], various Novozymes subsidiaries and ventures, and the Entrepreneurial Leadership program at the Danish Technical University [is this relevant?]. He holds a tri-lingual Master’s in Management from ESCP Europe, Paris, Oxford, and Berlin, and completed his undergraduate studies in Applied Mathematics at the Royal Institute of Technology, Stockholm. He supplemented this with executive programs, including at INSEAD, MIT Sloan School of Management and Rotman School of Management~~.~~

**Tom McDonald | CFO**

*Senior Vice President, Finance, and CFO*

Tom has served as Genomatica’s Senior Vice President, Finance and Chief Financial Officer since December 2018 and joined the geno team back in 2010. Tom brings over 20 years of public, private experience. Prior to Genomatica, he was Executive Director of Finance and Controller at Somaxon Pharmaceuticals (SOMX. Previously, he was Director of Finance and Controller at Instromedix, a technology-based manufacturing company. He started his career in audit services at PwC. Tom has a BA in Business Economics from UCLA and is a Certified Public Accountant.

**Priti Pharkya | Strategy**

*Strategy and Corporate Development*

Priti has led our Strategy and Corporate Development function since November 2018, initially as Senior Director, and promoted to Vice President in August 2020. In 2016, she helped form our Bioengineering Solutions business, and was named its director in 2017. Within this role Priti developed multiple product opportunities and helped build commercial partnerships. Priti joined Genomatica in 2006 as a research scientist. Her work has earned several patents related to feedstock utilization, pathways for biosynthesis of chemicals and metabolic engineering of microbes for achieving high product yields. Priti earned a Ph.D. in Chemical Engineering from The Pennsylvania State University.

**Damien A. Perriman | Specialty Products**

*Senior Vice President, Specialty Products*

Damien leads Genomatica’s specialty products business. He oversees development, production, sales, and marketing of biobased ingredients for personal care, cosmetics, and nutrition. He was responsible for launching the award-winning Brontide™ and Avela™ products and continues to expand a pipeline of sustainable ingredients. Damien joined Genomatica in 2010 as vice president of business development.

He previously served in the New Ventures unit at The Dow Chemical Company and as Deputy Commissioner to the Americas for the Queensland Government. Damien holds an MBA from the Anderson Graduate School of Management at the University of California, Los Angeles and a BSc (Hons) in Industrial Chemistry from the University of New South Wales.

**Kaspar Evertz | EVP Commercial**

*Executive Vice President, Commercial*

Kaspar has served as our Executive Vice President, Commercial, since April 2014, after serving as senior consultant starting in December 2013. He leads our Intermediate Chemicals and Bioengineering Solutions business units, with P&L responsibility. From 2011 to 2013, he was at Ferrostaal AG (GmbH), as Executive Vice President and Managing Director of Industrial Projects. From 2000 to 2011, he was at Basell, which later became LyondellBasell. He held multiple executive roles, most recently as Vice President, Licensing. From 1989 to 2000, he held management, engineering and research roles at BASF and its spinout Elenac.

Kaspar earned a doctorate in chemistry from the University of Konstanz, Germany; served as a research fellow at the California Institute of Technology; and is named on more than 30 patents.

**Kumud Goyal | Nylon**

*Senior Vice President Nylon Products*

Kumud joined Genomatica in January 2022, with 25 years of experience in the Chemicals & Materials industry. During 2015 to 2021, Kumud served as Vice President with full P&L responsibility for the Nylon Solutions business at AdvanSix, and also led the Strategy and Marketing functions of the company before stepping into her general management role. Between 2005 to 2015, Kumud held a variety of Commercial leadership roles covering Strategy, Marketing, Sales, and Business development at DuPont and W.L. Gore & Associates, also spending five years in Singapore actively engaged in Southeast Asia markets.

Kumud started her career in California working on semiconductor technologies in several engineering and operational roles at capital equipment companies Novellus Systems Inc. and Watkins-Johnson, over 1995 to 2004. Kumud holds an MBA from The Wharton School, University of Pennsylvania, as well as MS and BS degrees in Chemical Engineering from Washington State University and Institute of Chemical Technology Mumbai respectively.

**Harry Yim | Cell Design**

*Vice President Cell Factory Design & Engineering*

Harry first joined Genomatica in August 2007 as a Senior Scientist and helped build the wet lab and develop the Strain Engineering group. Since September 2021, he has been the Vice President of Cell Factory Design and Engineering. Harry has led several projects while at Genomatica, including the development and commercialization of 1,4 BDO, development in the 1,3 BDO project and the initial stages of the C-6 projects, and leading a feedstock project. From 1998 to 2006, Harry held several roles at Life Technologies (formerly Invitrogen Corporation and now part of Thermo Fisher Scientific), including Scientist, Staff Scientist and Group Leader. Harry holds a BA in Microbiology from the University of California, Los Angeles and a Ph.D. from the University of California, Davis, also in Microbiology. Harry was a Postdoctoral fellow at UCLA and Children’s Hospital and Medical Center, Seattle, WA, in the Department of Infectious Diseases.

**Lisa Kennedy | Partnerships**

*Vice President Strategic Partnerships*

Lisa joined Genomatica in May 2011 with the responsibility to advance key partnerships for the development and commercialization of biobased products. Since joining Genomatica, she has launched a biobased nylon program and established a distribution network to support the product roll-out of Brontide®. She leads business development efforts across the portfolio of programs within Genomatica, including identifying, closing and building out ongoing relationships across the value chain.

Lisa has been a conduit between brands and technologists, educating parties on biobased materials' life cycle and sustainability benefits. Her previous business development experience includes the assessment of a biobased diacid development pipeline and the implementation of a corporate brand at Verdezyne. Lisa holds a bachelor's degree in biochemistry from the California Polytechnic State University, San Luis Obispo and an MBA from the University of California, San Diego Rady School of Management.

**Michael Japs | Process Technology**

*Vice President, Process Technology & Engineer*

Michael is a veteran of the industrial biotechnology sector, leading the development, scale-up, and commercialization of novel processes to produce chemicals via fermentation. He has been with Genomatica since 2008 and leads their Process Technology & Engineering department, which is responsible for developing and commercializing fermentation-based bioprocesses. Michael previously formed and led Genomatica’s process engineering team, where he was integral in establishing the company’s core bioprocess engineering capabilities. He is an inventor of Genomatica’s renewable 1,4-butandediol (BDO) process which in 2013 received the prestigious Kirkpatrick Chemical Engineering Achievement Award.

Prior to Genomatica, Michael held several R&D and operations positions at NatureWorks LLC commercializing polylactic acid (PLA), the world’s first commercially available family of plastics derived entirely from annually renewable resources with the cost and performance necessary to compete with fossil fuel-based packaging materials and fibers.

Michael holds a bachelor’s degree in chemical engineering from the University of Minnesota.

**Robert Neumann** *|* **Chain Elongation**

*Vice President of Chain Elongation Platform*

As Global Business Director since July 2021, Rob leads Genomatica’s Bio-Alternatives platform, developing and commercializing customer backed solutions to transform the palm oil industry and other C8-C18 specialty chemicals. This includes building businesses focused on enabling more sustainable solutions in personal care, home care, beauty, flavors & fragrances, crop protection and performance monitors.

Prior to Genomatica, Rob held various global commercial and operational leadership roles at Cargill enabling high double-digit growth of Cargill’s greater than $1 billion bio-industrial specialty chemical business through the launch of dozens of new sustainable products and chemistries. Rob has led efforts to expand its bio-industrial business into new markets and over 20 new countries. Prior to his work in the bio-industrial business, Rob held several progressively complex manufacturing leadership roles delivering new products and solutions in everything from sweeteners to live active dairy cultures at Cargill facilities throughout the midwestern United States.

During his undergraduate education, Rob worked in a variety of roles at Cognis Corporation (now BASF) and ISP Chemicals (now Ashland).

Rob graduated from the University of Cincinnati where he obtained a Bachelor of Science in Chemical Engineering. He also holds a Master of Business Administration from the University of Chicago Booth School of Business with concentrations in Finance, Strategic Management and Economics.

**Tim Tochia | IP**

*VP Intellectual Property*

Tim joined Genomatica in 2012 to guide the continued expansion of Genomatica’s worldwide intellectual property portfolio. Tim and team have advised, implemented, managed and/or supported all aspects of worldwide patent and trademark strategy and prosecution, patent challenges, Genomatica’s major technology licensing and product evaluation deals, numerous R&D programs with corporate collaborators, multiple rounds of financing, Genomatica’s shift to product manufacturing and sales, registrations of its biobased chemicals, and the recent acquisition of its chain elongation technology and related patent estate.

Before joining Genomatica, Tim gained extensive and diverse in-house IP, litigation, transactional and other legal experience at Amylin Pharmaceuticals, Diversa, Syngenta, Torrey Mesa Research Institute (TMRI), and Genentech. Tim began his legal career at Cooley Godward, as an initial member of their high technology litigation and patent prosecution teams. Tim, a registered patent agent for 30 years, earned his Ph.D. in Biochemistry and Molecular Biology at The Pennsylvania State University, College of Medicine, in Hershey, PA, and was a Postdoctoral fellow at University of California, San Francisco, Department of Neurology studying prions.

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**Nelson Barton |** *Senior Vice President of Research and Development*

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**Amy Buono |** *Vice President, People, and Culture*

Amy has served as our Vice President, People and Culture since August 2018, when she was promoted from her position as Senior Director of Human Resources. Amy is the longest-serving employee at Genomatica after Christophe Schilling. Since joining the firm in 2001 she has served multiple roles within Human Resources and Administration. Amy helps ensure a keen, team-wide focus on our culture and values, while driving processes for a high-performance organization. She graduated from University of California, San Diego with a Bachelor of Arts in Political Science.

**Carlos A. Cabrera |** *Executive Chairman*

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**Sasha Calder |** *Sustainability*

Sasha joined Genomatica in January 2021, where she leads our sustainability efforts to help realize Genomatica and our partner’s ESG objectives. From 2018 until she joined Genomatica, she was Director of Sustainability at Beautycounter, where she focused on responsible sourcing, sustainable packaging, and climate action. From 2015 to 2018, she was the Director of Corporate Social Responsibility and Impact at Josie Maran Cosmetics. She has also consulted for ESG-focused think-tanks, NGOs, and startups.

Sasha has a Master’s Degree from the United Nations Mandated University for Peace in Responsible Management and Sustainable Economic Development and a Bachelor’s Degree from the University of California in Santa Cruz. In 2016, Sasha was awarded GreenBiz’s ‘30 Under 30’ and in 2019 was honored on Assent’s Top 100 in CSR list. Sasha also serves as the Chair of Surfrider Los Angeles, Pando Populus’ CSO Taskforce and B Corp’s Climate Collaborative Working Group on Sustainable Packaging.

**Christophe Schilling, Ph.D |** *CEO, Co-founder* **(from website)**

Christophe co-founded Genomatica in 1998 and was named CEO in May 2009. He has led the company’s drive to remake everyday materials, with commercial scale technologies and products that use renewable feedstocks and biology rather than fossil fuels, to enable more sustainable products with lower greenhouse gas emissions. The company has earned multiple awards for innovation, industry impact, engineering, and science.

Christophe is Chair Emeritus of Biocom, the largest advocacy organization for California’s life sciences sector and serves on BIO’s Industrial & Environmental Section Governing Board. He is also a member of YPO, an international leadership organization for chief executives, and previously served on the World Economic Forum Global Agenda Council on Biotechnology. Christophe holds a Ph.D. in bioengineering from the University of California, San Diego and earned a B.S. in biomedical engineering from Duke University.

**David Muldoon |** *Chief Operating Officer* **(from website)**

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**Rasmus Von Gottberg |** *Chief Growth Officer & Head of Europe* **(from website)**

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Rasmus has held multiple board and advisory roles, including for EverGrain Ingredients, various Novozymes subsidiaries and ventures, and the Entrepreneurial Leadership program at the Danish Technical University. He holds a tri-lingual Master’s in Management from ESCP Europe, Paris, Oxford, and Berlin, and completed his undergraduate studies in Applied Mathematics at the Royal Institute of Technology, Stockholm. He supplemented this with executive programs, including at INSEAD, Sloan School of Management and London Business School.

**Tom McDonald |** *Senior Vice President, Finance, and CFO*

Tom has served as our Senior Vice President, Finance and Chief Financial Officer since December 2018. He joined Genomatica in March 2010 as our Senior Director of Finance, and was promoted to Vice President of Finance in September 2015. He brings over 20 years of public, private and Big 4 experience. Prior to Genomatica, he was Executive Director of Finance and Controller at Somaxon Pharmaceuticals (SOMX), with direct involvement in their IPO and follow-on debt and equity financings. Previously, he was Director of Finance and Controller at Instromedix, a technology-based manufacturing company. He started his career in audit services at Price Waterhouse. Tom has a BA in Business Economics from UCLA, and is a Certified Public Accountant.

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**Priti Pharkya |** *Strategy and Corporate Development*

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**Damien A. Perriman |** *Senior Vice President, Specialty Products*

Damien has served as our Senior Vice President, Specialty Chemicals, since June 2017, with P&L responsibility for this business unit. Previously, he was Vice President, Business Development since joining Genomatica in November 2010. From February 2009 to November 2010, Damien served as Vice President of Business Development at Verdezyne, Inc., an industrial biotechnology company. From June 2007 to February 2009, Damien served in the Corporate New Ventures and Bioscience unit at Dow, and as deputy commissioner for the Queensland Government Trade Office in Los Angeles from November 2002 to May 2007.

Damien holds an M.B.A. from the Anderson Graduate School of Management at the University of California, Los Angeles and a B.S. in Industrial Chemistry from the University of New South Wales.

**Kaspar Evertz |** *Executive Vice President, Commercial*

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**Harry Yim |** *Vice President Cell Factory Design & Engineering*

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**Lisa Kennedy |** *Vice President Strategic Partnerships*

**Michael Japs |** *Vice President, Process Technology & Engineer*

<https://www.linkedin.com/in/michaeljaps/>