

# WILSON SONSINI

## Ali R. Alemozafar

PARTNER

Patents and  
Innovations  
San Francisco

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## FOCUS AREAS

Artificial Intelligence and  
Machine Learning  
Biotech  
Clean Energy  
Climate and Clean  
Technologies  
Data Storage and Cloud  
Diagnostics, Life Science  
Tools, and Deep Tech  
Digital Health  
Intellectual Property  
Life Sciences  
Medical Devices  
Mobile Devices  
Mobility  
Patents and Innovations  
Quantum Computing  
Semiconductors  
Software

## HIGHLIGHTS

- **Represents Technology and Life Sciences Innovators**  
Ali has worked with innovators engaged in highly technical fields, including diagnostics, genomics, bioinformatics, artificial intelligence, and materials.
- **Informed Technical Experience**  
Prior to joining the firm, Ali worked on data warehousing, business intelligence, and enterprise data integration.
- **IP Instruction Efforts**  
Ali frequently lectures at the UC Berkeley School of Law and University of California College of the Law, San Francisco, on IP topics, including patent strategy and IP due diligence.

## EXPERIENCE

Dr. Ali R. Alemozafar is a partner at Wilson Sonsini Goodrich & Rosati, where he leads the tools, diagnostics, and deep technology practice in the Patents and Innovations group. He counsels companies and venture capital firms on strategic intellectual property matters across a broad range of technical fields, including diagnostics, life science tools, genomics, bioinformatics, digital health, quantum computing, artificial intelligence, advanced materials, and engineering.

Ali holds a Ph.D. from Stanford University and completed a postdoctoral fellowship at Harvard University, bringing deep scientific and engineering expertise to his legal practice.

His strategic approach to patent prosecution has secured patents that have been successfully enforced and have withstood post-grant challenges, including *inter partes* reviews.

Ali's practice includes patent strategy, global patent prosecution, and IP due diligence—including freedom-to-operate analyses—for venture financings, mergers and acquisitions, and public offerings. He has prosecuted patent applications in the United States, Europe, China, Japan, and other jurisdictions. He counsels companies from early-stage start-ups through IPO and beyond.

Ali has taught courses on patent strategy and IP due diligence at UC Berkeley Law. He also serves on the advisory group at UC Berkeley Bakar Bio Labs.

## CREDENTIALS

### Education

- J.D., University of California College of the Law, San Francisco

- Postdoctoral Research Fellowship, Department of Chemistry and Chemical Biology, Harvard University
- Ph.D., Chemical Engineering, Stanford University
- B.S., Chemical Engineering, Cornell University

### Honors

- Recognized in the 2026 edition of *Chambers USA* for Intellectual Property: Patent Prosecution in California

### Admissions

- State Bar of California
- U.S. Patent and Trademark Office

## MATTERS

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### Select Life Sciences Representations

- Element Biosciences in intellectual property matters
- Ultima Genomics in intellectual property matters
- Apton Biosciences in intellectual property matters leading to acquisition by Pacific Biosciences of California (PacBio)
- 10X Genomics in intellectual property matters leading to its IPO
- Metagenomi in intellectual property matters
- Genia Technologies in intellectual property and licensing matters, leading to its acquisition by Roche
- Cirina in intellectual property matters leading to its acquisition by Grail
- Veracyte in intellectual property matters leading to its IPO
- GenapSys in intellectual property matters
- Guardant Health in intellectual property matters leading to its IPO
- Personalis in intellectual property matters leading to its IPO

### Select Technology Representations

- Velo3D in intellectual property matters
- Holo in intellectual property matters
- IQbit in intellectual property matters
- Ambri in intellectual property matters

## INSIGHTS

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### Select Publications

- Co-author with V. Norviel and R. Akhavan, "Role of intellectual property in investment-backed personalized medicine," 7(1) *Personalized Medicine* 95-102, 2010
- Co-author with B.K. Min, X. Deng, X. Liu, and C.M. Friend, "Tuning reactivity and selectivity for olefin oxidation through local O bonding on Au," 1 *ChemCatChem* 116-121, 2009
- Co-author with B.K. Min, M.M. Biener, J. Biener, and C.M. Friend, "Reaction of Au(111) with Sulfur and Oxygen: Scanning Tunneling Microscopy Study," 36 *Topics in Catalysis* 77, 2005
- Co-author with R.J. Madix, "An STM investigation of sulfur and alkoxide adsorption on Ni(100)," 109 *The Journal of Physical Chemistry B* 11307, 2005
- Co-author with R.J. Madix, "Surface reorganization accompanying the formation of sulfite and sulfate by reaction of sulfur dioxide with oxygen on Ag(111)," *The Journal of Chemical Physics* 122 (2005) 214718, 2005
- Co-author with R.J. Madix, "The Role of Surface Deconstruction in the Autocatalytic Decomposition of Formate and Acetate on Ni(110)," 108 *The Journal of Physical Chemistry B* 14374, 2004
- Co-author with R.J. Madix, "CO-Induced Segregation of Hydrogen into the Subsurface on Ni(110)," 108 *The Journal of Physical Chemistry B* 7247, 2004
- Co-author with X.-C. Guo and R.J. Madix, "Adsorption and Reaction of Sulfur Dioxide with Cu(110) and Cu(110)-p(2x1)-O," 116 *The Journal of Chemical Physics* 4698, 2002

## TECHNICAL FLUENCY

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### Biological Sciences and Biotechnology

- Biochemical assays
- Biophysics
- Cancer biology
- Cell biology
- Cellular biology
- Epigenetics
- Genetics
- Genomics
- Microbiology
- MicroRNA (miRNA) research
- Molecular biology
- Molecular genetics
- PCR
- Proteomics

## **Therapeutics and Drug Discovery**

- Drug delivery
- Gene editing
- Gene therapy
- Vaccines

## **Diagnostics and Medical Devices**

- Bioinformatic
- Biomedical devices
- Biomedical engineering
- Biosensors
- Diagnostics
- Digital pathology
- Medical devices
- Medical imaging
- miRNA detection
- Neuroimaging
- Point-of-care testing (POCT)
- Telemedicine technology
- Wearable analyte sensors

## **Chemistry and Material Science**

- Catalysis
- Chemical synthesis
- Chemistry
- Green chemistry
- Materials chemistry
- Nanochemistry
- Photovoltaic materials
- Polymers

## **Engineering and Technology**

- 3D bioprinting
- AI
- Biomechanics
- Computer science
- Electrical engineering
- Machine learning
- Materials science
- Mechanical engineering
- Microfluidics
- Nanorobotics
- Robotics

## **Genomics and Data Analysis**

- Bioinformatics algorithms
- Computational biology
- Functional genomics
- Next-generation sequencing
- rDNA
- Sequencing
- shRNA
- Single-Cell sequencing

## **Miscellaneous**

- Cancer
- Design patent
- Engineered foods
- Fluorescence microscopy
- Food science
- Formulations
- Physics
- Psychology