

# **GREENLEAF HEALTH** DRUG & BIOLOGICAL PRODUCTS CAPABILITIES

### **OUR EXPERIENCE.** YOUR SUCCESS.

Greenleaf Health is a leading FDA regulatory consulting firm guiding companies through the changing FDA landscape.

## ABOUT GREENLEAF HEALTH

### **300 YEARS** OF FDA EXPERIENCE



### WHY GREENLEAF

Founded in 2007, Greenleaf Health is a leading FDA regulatory consulting firm that provides strategic and technical guidance to pharmaceutical, biotechnology, and medical device companies researching, developing, and manufacturing innovative solutions to pressing global public health challenges.

Greenleaf's robust blend of technical skill and FDA institutional knowledge enables the firm to provide reliable, objective guidance to companies developing medical products for the U.S. market.

### UNMATCHED EXPERTISE

Greenleaf's team brings unmatched expertise that companies need when navigating today's evolving FDA regulatory environment. The firm includes former leaders and regulatory professionals from the FDA, Capitol Hill, top global pharmaceutical and medical device companies, leading law firms, and the U.S. biotechnology trade organization.

Greenleaf experts draw on a combined total of more than 300 years of FDA experience and a network of technical specialists. This wealth of experience informs Greenleaf's understanding of the broad life sciences industry and allows us to deliver valuable insight throughout the product lifecycle.

### COMPREHENSIVE SERVICES



### PRODUCT QUALITY, MANUFACTURING & COMPLIANCE

Greenleaf experts identify and promote practices and procedures that will align a client's approach with the FDA's quality, safety, and compliance expectations.



### COMPLIANCE AUDIT, TRAINING & REMEDIATION

Greenleaf works with a network of independent technical experts who provide comprehensive on-site compliance assessments, remediation, and inspection readiness.



### ADVISORY SERVICES

Greenleaf understands the complex environment within which life sciences transactions take place and performs in-depth regulatory risk assessments tailored to investors' needs.

### MEDICAL DEVICE & COMBINATION PRODUCTS

Greenleaf applies extensive regulatory expertise to guide medical device clients from early-stage development to marketing authorization and throughout the product lifecycle.

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### DIGITAL HEALTH SERVICES

Greenleaf experts provide guidance to clients developing, commercializing, utilizing, and investing in innovative digital health technologies as they navigate the evolving landscape of FDA digital health requirements.

### LITIGATION SUPPORT SERVICES

Greenleaf and our network of experts work closely with litigators representing FDA-regulated clients in disputes related to medical devices, drug and biological products, and product quality, manufacturing, and compliance.



#### DRUG & BIOLOGICAL PRODUCTS

Greenleaf serves as a trusted regulatory partner, advising companies on the complex process of bringing new therapeutics to market in today's evolving FDA environment.

### CELL & GENE THERAPY

Greenleaf assists sponsors of cell and gene therapies by optimizing FDA interactions and submissions to support product development, manufacturing, quality, compliance, and regulatory review.



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### REGULATORY POLICY SERVICES

Greenleaf supports the needs of small and large clients to understand, implement, and comply with the FDA's regulatory programs and policies and to enhance patient access to products.





# DRUG & BIOLOGICAL PRODUCT SERVICES

### DRUG & BIOLOGICAL PRODUCTS TEAM

Greenleaf's Drug and Biological Products Team has a robust blend of regulatory and policy expertise and FDA institutional knowledge. The team's approach is guided by decades of regulatory experience in drug and biological product development, spanning all therapeutic areas.



#### JOHN JENKINS, M.D.

**Principal, Drug & Biological Products** Former Director of the Office of New Drugs within the FDA's Center for Drug Evaluation and Research (CDER).



### SANDRA KWEDER, M.D.

**Principal, Drug & Biological Products** Former Deputy Director of the FDA's Office of New Drugs and Deputy Director of the FDA's Europe Office and Liaison to the EMA.



#### CHRIS LEPTAK, M.D., Ph.D. EVP, Drug & Biological Products

14-year FDA tenure, including service as Acting Office Director of CDER's Office of Drug Evaluation Science.



### SARAH MCGARRY, M.D.

**SVP, Drug & Biological Products** During 18 years with FDA CDER and CBER, led review teams for many significant approvals and served as expert advisor on drug review process.

### SEAN HILSCHER

BOB MEYER, M.D.

JOSEPH GRIFFIN

promotion, and labeling.

STEPHEN MASON

**EVP**, Regulatory Policy

development and analysis.

in regulatory and legislative policy

**Principal, Drug & Biological Products** 

A leader in drug and biological product

lifecycle management with 30 years of

**EVP, Drug & Biological Products** 

20+ years of FDA service, with a vast

knowledge of the drug regulatory process,

Accomplished and diverse career specializing

regulatory and academic leadership.

**VP, Regulatory Policy** Deep experience in regulatory intelligence and policy analysis, with specific expertise in RWE and digital health.



### KAREN MIDTHUN, M.D.

**Principal, Drug & Biological Products** 28-year career in public service, including as Director of the FDA's Center for Biologics Evaluation and Research (CBER), 2009-2016.



### BRIAN CORRIGAN EVP, Regulatory Policy

15+ years in the biopharmaceutical industry focused on regulatory policy development and strategic clinical development support.



#### WILSON BRYAN, M.D. EVP, Drug & Biological Products FDA career of 19 years, serving as Director of CBER's Office of Tissues and Advanced

CBER's Office of Tissues and Advanced Therapies (OTAT) from 2016-2023.



### **TANVI MEHTA**

**Manager, Regulatory Affairs & Policy** Brings analytical approach to regulatory policy from background in financial services and health care business.

RHONA BANIQUED Exec. Director of Operations, Drug & Biological Products BECCA HUNT Assoc. Director of Operations, Drug & Biological Products STEPHEN POWER Assoc. Director of Operations, Drug & Biological Products



# DRUG & BIOLOGICAL PRODUCTS SERVICES

Greenleaf's Drug and Biological Products Team specializes in providing strategic and technical guidance on medical product development, regulatory review, and postmarket requirements, working closely with clients to navigate today's evolving FDA regulatory environment.



### UNMATCHED REGULATORY EXPERIENCE

Greenleaf serves as a trusted regulatory partner, advising clients on the complex process of bringing new therapies to market. The team's multidisciplinary expertise helps companies evaluating and prioritizing their drug development pipeline to understand and effectively manage regulatory risk.

### PREMARKET REVIEW PROCESS

Greenleaf's team of experts provides strategic and technical consultation on: scientific and regulatory practices for clinical programs and regulatory submissions, including endpoint and biomarker selection and development; identification of and eligibility for expedited programs (e.g., breakthrough therapy designation, fast track, and accelerated approval); use of real-world evidence in regulatory submissions; and preparation for FDA milestone meetings (e.g., EOP2, pre-filing, mid-cycle, and end-of-review meetings).



### REGULATORY POLICY SERVICES

Greenleaf offers strategic regulatory policy insight to support stakeholders' participation in and compliance with FDA programs and improve patient access to innovative medical products. Our team draws on deep expertise and institutional knowledge related to FDA regulatory policy, including novel programs; product designations and access to expedited programs; regulatory issues arising both pre and post market; regulatory intelligence and scientific policy; and building clients' capacity to effectively advance their regulatory policy priorities.

# CELL & GENE

The Drug and Biological Products Team helps sponsors of cell and gene therapies understand and respond to FDA requirements and guidance for these products and optimize FDA interactions and submissions at all stages of development and review. The team also provides guidance on clinical trial design for cell and gene therapies to treat rare and ultra-rare diseases and assists sponsors preparing requests for orphan drug, RMAT, breakthrough therapy, fast track, and rare pediatric disease designations.



# DRUG & BIOLOGICAL PRODUCT **PIPELINE REVIEW SERVICES**

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Greenleaf works with companies to identify valuable portfolio opportunities and to understand and effectively manage regulatory risks. By assessing regulatory risk early in the drug development process, companies can allocate resources more efficiently and plan their development strategy with greater confidence.

The expansive knowledge and diverse perspectives of the collective Greenleaf team enable clients to make timely, informed decisions to optimize and strategically manage their pipelines.

The Drug and Biological Products Team helps reduce regulatory uncertainties by providing the following services:



### **PIPELINE REVIEW**

Greenleaf experts evaluate the various components critical to a drug development pipeline's clinical and regulatory success. The team's assessments span the drug development continuum from preclinical and clinical milestones through postapproval considerations. With experience across a wide range of therapeutic areas and therapeutic modalities, Greenleaf is able to provide guidance on a variety of clinical indications and drug development issues.

### **GAP ANALYSIS**

Greenleaf's team helps guide drug development programs forward by working with the client's technical experts to perform a systematic review of factors that may impact the success of a product. Our experts then evaluate the collected data and information, identify missing elements, and help the client develop a plan to prioritize and address programmatic needs for individual therapeutic candidates and across the portfolio. Early identification of gaps allows companies to address issues proactively and make informed decisions about a program's viability, timing, and resources.

### STRATEGY DEVELOPMENT

Greenleaf works with companies to create customized drug development strategies, from early-phase to late-stage development. Greenleaf's advisors provide realistic direction by determining the strengths and weaknesses of the pipeline, highlighting potential catalysts that could impact product development, assessing the competitive landscape, and considering study concept and clinical development plan design alternatives. The result is an actionable strategy that identifies development options and meaningful benchmarks to measure success and optimizes factors such as clinical positioning, product differentiation, and regulatory approval.



# CELL & GENE THERAPY SERVICES



# CELL & GENE THERAPY TEAM

#### JOHN TAYLOR

**President and Principal, Compliance & Regulatory Affairs** Former FDA senior official, acting in high-profile positions at the Agency and senior leadership roles within industry.



#### KAREN MIDTHUN, M.D. **Principal, Drug & Biological Products** 28-year career in public service, including as Director of the FDA's Center for Biologics Evaluation and Research (CBER) from 2009-2016.

public health organizations, academia, and industry.



Greenleaf is comprised of the foremost experts in the regulatory field, including former leaders in

the FDA's offices overseeing cell and gene therapies, drugs and biologics, drug product quality,

Therapy Team draws on decades of regulatory experience in senior FDA positions, international

and compliance, as well as medical devices and combination products. The Cell and Gene

### WILSON BRYAN, M.D.

### Executive VP, Drug & Biological Products

FDA career of 19 years, serving as Director of CBER's Office of Tissues and Advanced Therapies (OTAT) from 2016-2023.



### JOHN JENKINS, M.D.

**Principal, Drug & Biological Products** Former Director of the Office of New Drugs within the FDA's Center for Drug Evaluation and Research (CDER).



### BOB MEYER, M.D. **Principal, Drug & Biological Products** A leader in drug and biological product lifecycle management with 30 years of regulatory and academic leadership.



#### CYNTHIA SCHNEDAR **Principal, Regulatory Compliance** 30-year career as a compliance expert; formerly Director of the Office of Compliance for the FDA's CDER.



### KALAH AUCHINCLOSS

**Executive VP, Regulatory Compliance** More than 15 years of experience on Capitol Hill, in the private sector, and at the FDA, including role as Deputy Chief of Staff.



### SANDRA KWEDER, M.D.

**Principal, Drug & Biological Products** Former Deputy Director of the FDA's Office of New Drugs and Deputy Director of the FDA's Europe Office and Liaison to the EMA.



### MADELEINE GIAQUINTO

**Director, Regulatory Affairs** 

Legal and policy expertise, with a robust portfolio of experience advising on FDA regulatory compliance for a range of product types.



## CELL & GENE THERAPY SERVICES

Greenleaf assists sponsors of cell and gene therapy products by optimizing FDA interactions, submissions, manufacturing technology, and quality systems. Working cross-functionally, Greenleaf's experts ensure that clients have the specialized strategic insight and multidisciplinary perspective needed to navigate the rapidly evolving regulatory landscape for cell and gene therapies.



### PRODUCT DEVELOPMENT & REVIEW

Greenleaf helps sponsors understand and respond to the FDA requirements and guidance applicable to cell and gene therapies, including aspects of device and combination product regulation when relevant. Our experts specialize in:

- strategic FDA interactions throughout development, including formal meetings
- clinical trial design
- submissions and expedited programs
- FDA review communications and labeling discussions
- postmarket requirements

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### MANUFACTURING & QUALITY CONTROLS

Greenleaf experts provide clients with strategic and technical support for establishing manufacturing and quality controls and complying with the FDA's multiple current GXP regulations, in addition to:

- pre- and postapproval inspection readiness
- compliance assessments
- evaluating and responding to FDA regulatory correspondence
- engaging with CBER's Advanced Technologies Team



### RARE DISEASE GUIDANCE

For sponsors developing cell and gene therapies to treat rare and ultra-rare diseases, Greenleaf offers guidance on maximizing trial design using appropriate clinical endpoints and natural history study data in support of efficient product development. Our experts also assist sponsors preparing requests for orphan drug and rare pediatric disease designations.



### REGULATORY LANDSCAPE

Greenleaf monitors and analyzes the regulatory environment for emerging trends in cell and gene therapy regulation that could potentially impact current development programs, as well as changes to the competitive landscape.

Our Advisory Services Team also offers focused due diligence and regulatory risk assessment in this space.

# REGULATORY POLICY SERVICES

## REGULATORY POLICY SERVICES TEAM

Greenleaf's Regulatory Policy Services Team offers a rare blend of perspectives developed as leaders in both the public and private sectors. This wealth of experience equips clients with a trusted partner when seeking guidance on implementing, complying with, and communicating about FDA regulatory policy.

The team's areas of expertise include:

- Insight into FDA regulatory policy, including novel programs
- Regulatory intelligence and scientific policy
- Effective communication on regulatory policy issues
- Product designations and access to expedited programs
- Regulatory issues arising both pre and post market
- Building client capacity and understanding of regulatory policy issues



### STEPHEN MASON

#### **Executive Vice President, Regulatory Policy**

Accomplished and diverse career of 20+ years specializing in regulatory and legislative policy development and analysis.



### SEAN HILSCHER

Vice President, Regulatory Policy

Deep experience in regulatory intelligence and policy analysis, with specific expertise in real-world evidence (RWE) and digital health.



### TANVI MEHTA

Manager, Regulatory Affairs & Policy Brings analytical approach to regulatory policy from background in financial services and health care business.



### **RHONA BANIQUED**

**Executive Director of Operations, Drug & Biological Products** More than 20 years of private sector marketing and project management experience.



### **REGULATORY POLICY SERVICES**

Regulatory policy is an essential component of the FDA regulatory landscape – it helps shape how regulators make decisions about the development, approval, and marketing of drugs, biological products, medical devices, and combination products. These policy decisions determine the feasibility of the development and use of new technologies and directly affect patient access to medical products.

Greenleaf's regulatory policy services are designed to support the needs of large and small clients as they navigate FDA regulations and regulatory policies. The firm's team of experts works crossfunctionally to assist pharmaceutical and biotechnology companies, medical device manufacturers, patient groups, trade associations, and other stakeholders in communicating effectively about FDA regulatory policy issues and in understanding, implementing, and complying with the FDA's regulatory programs.



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### EXPERT INSIGHT

Greenleaf's well-regarded professionals have each spent decades working in leadership roles at regulatory agencies and within regulated industry. The Regulatory Policy Services Team provides advice and recommendations based on extensive institutional knowledge of the FDA's overarching regulatory approach, as well as deep and granular expertise regarding FDA regulation of medical product types across the product lifecycle.

### TARGETED CAPABILITIES

Greenleaf offers unmatched insight on pre- and postmarket regulatory policy issues, product designations, expedited programs, regulatory intelligence, and scientific policy. Clients utilize our depth and breadth of knowledge to understand regulatory policy issues and build their capacity to implement, comply with, and communicate about FDA regulatory policy.

### COMPREHENSIVE SERVICES

Greenleaf's regulatory policy services address FDA regulations and regulatory policies to support clients' participation in FDA programs and regulatory compliance and to enhance patient access to innovative medical products. Comprehensive services include:

- Assistance with designing and implementing regulatory policy strategies to effectively advance priorities
- Guidance on policy issues related to development programs, combination products, submissions for marketing authorization, and the postapproval phase
- Stakeholder engagement and alliance development to achieve regulatory policy goals
- User fee negotiation support, impact assessment, and program development
- Strategic regulatory guidance for sponsors seeking access to FDA programs and designations, including orphan drug, breakthrough therapy, RMAT, and other expedited pathways
- Advice on incorporating novel tools and approaches into development programs

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# ADVISORY SERVICES

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## ADVISORY SERVICES TEAM



#### **BRIAN CORRIGAN**

**EVP, Regulatory Policy** 15+ years in the biopharmaceutical industry focused on regulatory policy development and strategic clinical development support.



#### BOB MEYER, M.D.

**Principal, Drug & Biological Products** A leader in drug and biological product lifecycle management with 30 years of regulatory and academic leadership.



### DAVID ELDER

**Principal, Regulatory Compliance** 23-year veteran of the FDA, with prominent roles in domestic and foreign inspections, recalls and emergencies, and compliance actions.



### KALAH AUCHINCLOSS

**EVP, Regulatory Compliance** More than 15 years of experience on Capitol Hill, in the private sector, and at the FDA, including role as Deputy Chief of Staff.



### SANDRA KWEDER, M.D. **Principal, Drug & Biological Products** Former Deputy Director of the FDA's Office of New Drugs and Deputy Director of the FDA's

Europe Office and Liaison to the EMA.

### MAURA NORDEN

#### **EVP, Medical Device & Combo. Products** 15 years of experience advising FDA-regulated entities, investors, and public health organizations on a broad range of FDA regulatory matters.



### MARK KRAMER

#### EVP, Medical Device & Combo. Products

17-year FDA career includes establishing and directing the Office of Combination Products and leading interdisciplinary review teams in CDRH.

JOHN JENKINS, M.D. Principal, Drug & Biological Products Former Director of the Office of New Drugs within the FDA's Center for Drug Evaluation and Research (CDER).



### DANIEL SCHULTZ, M.D.

**Principal, Medical Device & Combo. Products** 35-year career includes service as a physician and as Director of the FDA's Center for Devices and Radiological Health (CDRH).



### CYNTHIA SCHNEDAR Principal, Regulatory Compliance

30-year career as a compliance expert; formerly Director of the Office of Compliance for the FDA's Center for Drug Evaluation and Research (CDER).







### JOHN TAYLOR

**President and Principal, Compliance & Regulatory Affairs** Former FDA senior official, acting in high-profile positions at the Agency and senior leadership roles within industry.

KAREN MIDTHUN, M.D.

**Principal, Drug & Biological Products** 28-year career in public service, including as Director of the FDA's Center for Biologics Evaluation and Research (CBER), 2009-2016.

# ADVISORY SERVICES

Greenleaf's in-depth knowledge and understanding of the FDA equips clients with a trusted partner when considering life sciences transactions. Greenleaf's advisory services are more than a compilation of public data. Greenleaf goes a step further by using the firm's vast institutional knowledge to provide in-depth analyses tailored to our clients' specific needs.

The firm's multidisciplinary team uses its extensive expertise to perform risk assessments that take into account business objectives, transaction timelines, and the industry landscape. The end result is an unbiased analysis identifying a target company's key regulatory risks, likelihood of the risks materializing, potential impact on the business, and opportunities to manage and mitigate risks in order to achieve desired regulatory outcomes. Greenleaf's comprehensive due diligence services evaluate a company's pipeline, or a specific asset, in the following areas:



### PRODUCT DEVELOPMENT & REVIEW

Analysis of the target company's regulatory filings and product development plans, including approvals and clearances, special designations, advisory committee decisions, labeling review, and investigational products.



Assessment of the target company's manufacturing practices, compliance with quality system regulations (QSRs), good manufacturing practices (GMPs), and identification of inconsistencies that may affect the regulatory risk of a product or the company.



Evaluation of the target company's compliance with FDA regulations and identification of issues that may require attention and resources for remediation.

# DIGITAL HEALTH SERVICES

## DIGITAL HEALTH SERVICES TEAM

Greenleaf Health serves as a trusted partner to both large and small clients developing and commercializing innovative digital health technologies as they navigate the complex landscape of FDA regulations and policies. The firm's team of experts provides guidance to medical device and combination product manufacturers, pharmaceutical and biotechnology companies, trade associations, and other stakeholders implementing and complying with the FDA's digital health requirements.



### DANIEL SCHULTZ, M.D.

**Principal, Medical Device & Combination Products** Distinguished 35-year career includes service as Director of the FDA's Center for Devices and Radiological Health.



### BRIAN CORRIGAN

**EVP**, Regulatory Policy

15+ years in the biopharmaceutical industry focused on regulatory policy development and strategic clinical development support.



### SEAN HILSCHER

VP, Regulatory Policy

Deep experience in regulatory intelligence and policy analysis, with specific expertise in real-world evidence (RWE) and digital health.



### CHRIS LEPTAK, M.D., Ph.D.

EVP, Drug & Biological Products

14-year FDA tenure, including service as Acting Office Director of CDER's Office of Drug Evaluation Science.



### MAURA NORDEN

#### EVP, Medical Device & Combination Products

15 years of experience advising leading medical device and drug companies on FDA regulatory matters.



### **KALAH AUCHINCLOSS**

### **EVP**, Regulatory Compliance

More than 15 years of experience on Capitol Hill, in the private sector, and at the FDA, including role as Deputy Chief of Staff.



### MARIA BONNER

### VP, Regulatory Compliance

Policy and legal experience in both the public and private sectors provides deep understanding of regulatory policy.



## DIGITAL HEALTH AREAS OF EXPERTISE

Greenleaf's digital health clients vary greatly in nature, scope, and levels of experience. Because there is no one-size-fits-all approach, each solution is built to fit the targeted needs of the client. Greenleaf regularly provides expertise to the following types of clients:



Start-up and mid-sized software companies developing digital health mobile apps



Drug companies entering the digital health space to enhance the patient or health care provider experience of their products



Diagnostic testing companies developing applications to read diagnostic test results



Consumer product companies entering the digital health space with limited FDA regulatory experience



Health policy and research organizations developing, tracking, and responding to digital health policies, legislation, and initiatives Q

Investors identifying and evaluating regulatory risks in potential digital health investments



Trade associations and global drug and medical device companies developing digital health policy strategies



Artificial intelligence (AI) program developers seeking FDA regulatory insight and clarity



Telehealth companies partnering with clinical practitioners and life science companies to offer online access to medical products



Drug and device companies using digital tools to conduct decentralized clinical trials



## DIGITAL HEALTH SERVICES

The combined knowledge and substantial qualifications of the Greenleaf team ensure best-in-class insight for companies navigating digital health regulations. Greenleaf offers the following digital health-focused services:

### **REGULATORY STRATEGY & COMPLIANCE**

Provide insight, clarity, and strategic consultation on digital health topics

- Advise clients on FDA regulatory policies, programs, and procedures, including questions related to jurisdiction to regulate, device classification, and potential pathways to market
- Partner with clients to design strategies for product development and premarket review
- · Assist with marketing application preparation and submission
- Provide advice regarding FDA communications, including compliance and regulatory correspondence
- Advise on FDA labeling and postmarket safety requirements

### ADVISORY SERVICES

Assist entities involved in digital health technology investments and transactions

- Perform due diligence and regulatory risk assessments of potential targets
- Advise investors on opportunities to manage and mitigate risks in order to achieve desired regulatory outcomes
- Research and analyze regulatory data sources

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### **REGULATORY POLICY**

Help clients keep pace with developments and navigate the emerging regulatory landscape

- Identify novel regulatory tools and approaches to optimize the development process
- Support clients in structuring their regulatory policy capabilities to effectively advance priorities
- Design and implement strategies that engage stakeholders, leverage alliances, and advance regulatory policy

# LITIGATION SUPPORT SERVICES

### LITIGATION SUPPORT SERVICES NETWORK

The combined capabilities of Greenleaf professionals and our firm's network of FDA experts offer litigators enhanced guidance when grappling with FDA regulatory issues.



### MAURA NORDEN

**EVP, Medical Device & Combo. Products** General Counsel 15+ years of experience advising FDAregulated entities, investors, and public health organizations on FDA regulatory matters.



### KALAHAUCHINCLOSS

**EVP**, Regulatory Compliance **Deputy General Counsel** 15+ years of experience on Capitol Hill, in the private sector, and at the FDA, including role as Deputy Chief of Staff.

### DAVID FI DFR

**Principal, Regulatory Compliance** 23-year veteran of the FDA, with prominent roles in domestic and foreign inspections, recalls and emergencies, and compliance actions.



### DANIEL SCHULTZ, M.D.

**Principal, Medical Device** & Combo. Products 35-year career includes service as Director of the FDA's Center for Devices and Radiological Health (CDRH).

**HEATHER ROSECRANS** 



### CYNTHIA SCHNEDAR

**Principal, Regulatory Compliance** 30-year career as a compliance expert; formerly Director of the Office of Compliance for the FDA's Center for Drug Evaluation and Research (CDER).



### MARK KRAMER

**EVP, Medical Device & Combo. Products** 17-year FDA career includes establishing and directing the Office of Combination Products and leading interdisciplinary review teams in CDRH.



### **KATHERINE MUELLER**

**Deputy General Counsel** 10+ years of legal experience in the private sector, including national litigation management and guidance risk mitigation.



### MARIA BONNER

One of the nation's leading 510(k)

experts, with an FDA career that

spanned more than 30 years.

**EVP. Medical Device** 

& Combo. Products

**VP**, Regulatory Compliance Policy and legal experience in both the public and private sectors provides deep

understanding of regulatory policy.

#### SAMANTHA EAKES **VP**, Regulatory Affairs

More than seven years of FDA regulatory consulting experience and a diverse background in public health, public policy, and the nonprofit sector.



### MADELEINE GIAQUINTO **Director, Regulatory Affairs**

Legal and policy expertise, with a robust portfolio of experience advising on FDA regulatory compliance for a range of product types.

### LITIGATION SUPPORT NETWORK

Greenleaf's litigation support capabilities include an outside network of experienced and knowledgeable FDA experts who were thoughtfully selected by Greenleaf and are adept at advising litigators representing FDA-regulated clients.



## LITIGATION SUPPORT SERVICES

In legal actions involving FDA-regulated entities, complex FDA regulatory issues are often critical components of disputes.

Greenleaf's deep bench and network of experienced and knowledgeable FDA experts can advise litigators grappling with FDA regulatory issues and provide authoritative, objective expert opinions that may make a difference in how disputes are resolved. We can also serve in a consulting capacity to identify key FDA regulatory issues that may impact litigation strategy.

Greenleaf and our network of experts work closely with litigators representing FDA-regulated clients in a wide array of disputes related to medical devices, drug and biological products, and product quality, manufacturing, and compliance.

Greenleaf is a regulatory consulting firm and does not provide legal advice or legal services.



### EXTENSIVE KNOWLEDGE

Greenleaf and our network of experts can offer litigators a high-level institutional knowledge of the FDA as well as more granular expertise regarding FDA regulation of a variety of medical product types across the product lifecycle. Greenleaf's well-regarded professionals have spent decades working at the FDA in senior positions, allowing them to render thoughtful advice and authoritative opinions.

### TARGETED EXPERTISE

The Greenleaf team and network have extensive, in-depth expertise regarding medical product development and the premarket review process, as well as manufacturing, product quality and safety, compliance, and enforcement of all FDA-regulated products. Our experts have the knowledge, qualifications, and experience required to explain and clarify these and other issues to our clients, the courts, or juries and are credible, persuasive expert witnesses and litigation advisors.

### COMPREHENSIVE SERVICES

Greenleaf and our network have experience advising litigators on the nuances of FDA regulation, identifying key regulatory issues, preparing expert declarations or reports, and testifying during depositions and at trial. Greenleaf's team has worked with litigators engaged in a variety of disputes, including complex commercial litigation, unfair competition and false advertising cases, intellectual property litigation, product liability class actions, securities class actions, and other types of litigation, such as tax matters and contract disputes.

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