CANCER FUND
IMPACT INVESTMENTS™

Cell & Gene Therapy Due Diligence Expert Roles

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About CANCER FUND, Our Community, and Our Expert Roles

CANCER FUND is assembling a specialized due diligence team to evaluate several cell and gene therapy investment opportunities.

Our community, team, and investors are driven by a shared mission—advancing cancer innovations. We believe that meaningful change requires collaboration, expertise, and a commitment to progress. We prioritize our mission over compensation or short-term financial returns without impact.

We also understand how difficult it can be to gain hands-on investment experience, particularly in venture capital. That's why our Expert roles offer a unique opportunity to apply your expertise, contribute to real investment decisions, and shape the future of cancer treatment that you can add to your resume and professional profiles.

What to Expect:

- Commitment: These are unpaid, short-term, and part-time roles requiring approximately 2-3 hours per week for 2-3 weeks during the evaluation process.

- Influence & Recognition: As a CANCER FUND Expert, your insights will directly impact investment decisions and help advance cancer innovation. You'll also gain valuable experience that can enhance your professional profile, demonstrating your expertise and contributions.

- Future Opportunities: While these roles are not compensated, participation may lead to paid advisory opportunities—but that is not guaranteed. If compensation is your primary motivation, this may not be the right fit.

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1 - Technical Lead – Synthetic Biology & Gene Therapy Delivery Expert

Expertise:

- Synthetic biology, biomolecular computing, and gene therapy.
- AAV vector engineering, gene therapy delivery platforms.
- Genetic circuit design, transcriptional regulation, and targeted expression strategies.
- AAV serotype selection, tissue tropism, and systemic delivery considerations.
- Immunogenicity, neutralizing antibody responses, and vector biodistribution.
- Manufacturing and scale-up of AAV-based therapies.

Desired Qualifications:

- Expertise in Molecular Biology, Bioengineering, Virology, Biomedical Engineering, or a related field.
- Strong background in genetic circuit programming, logic gating, and transcriptional control.
- Expertise in AAV-based gene therapy, including vector engineering and targeted gene activation.
- Experience with in vivo delivery strategies, immunogenicity mitigation, and repeat dosing challenges.
- Familiarity with manufacturing and GMP-scale production of AAV vectors.

Role:

- Evaluate the mechanism of action and feasibility of biomolecular computing in clinical applications.
- Assess the efficacy of genetic circuits (e.g., microRNA-based NOT gates, transcription factor-driven logic).
- Analyze AAV vector selection, delivery efficiency, and tissue specificity for targeting hepatocellular carcinoma.
- Review preclinical data on vector biodistribution, immunogenicity risks, and off-target effects.
- Validate whether the synthetic lethality approach and gene activation strategy translate into therapeutic efficacy.
- Ensure scalability and manufacturability of AAV-based therapy for clinical and commercial use.

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2 - Operations Lead – Bioprocess & GMP Manufacturing Expert

Expertise: Large-scale gene therapy manufacturing and quality control.

Qualifications:

- Industry experience in AAV vector production, purification, and analytics.
- Expertise in GMP-grade viral vector production for regulatory submission.
- Familiarity with bioreactor scaling, transfection methods, and capsid engineering.
- Knowledge of stability, storage, and supply chain logistics for gene therapy products.

Role:

- Assess the scalability and cost of AAV production.
- Identify potential manufacturing bottlenecks and risks in tech transfer.
- Evaluate the firm's ability to meet regulatory CMC (Chemistry, Manufacturing, and Controls) standards.

3 - Regulatory Lead – Clinical Development & Regulatory Affairs Expert

Expertise: Gene therapy clinical trials and regulatory strategy.

Qualifications:

- MD, PhD, or regulatory experience with FDA, EMA, or other regulatory bodies.
- Deep understanding of gene therapy regulatory requirements, including FDA guidelines for AAV-based therapies.
- Experience in designing first-in-human trials for gene therapies.
- Knowledge of biomarker-driven patient stratification and clinical trial endpoints.

Role:

- Assess regulatory risks and path to FDA approval.
- Define Phase 1/2 clinical trial design and endpoints.
- Evaluate the company's ability to navigate regulatory hurdles, including safety monitoring and long-term follow-up.

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4 - Business Development Lead — Business & Market Strategy Expert

Expertise: Commercial viability of gene therapies, biotech investment analysis.

Qualifications:

- MBA, or strong background in biotech venture capital, corporate development, or business strategy.
- Experience in evaluating gene therapy market trends, competitive landscape, and pricing.
- Understanding of payers, reimbursement models, and cost-effectiveness analysis.

Role:

- Assess the commercial potential of the therapy in hepatocellular carcinoma.
- Identify market access barriers, reimbursement challenges, and partnership opportunities.
- Develop investment thesis and evaluate exit strategies.