

Cancer Commons Clinical Oncology Scientist (PhD)

Cancer Commons is a 501(c)(3) nonprofit network of patients, scientists, physicians, volunteers, and partner organizations united by a shared goal—to optimize each patient’s outcome and maximize collective learning to help others urgently seeking answers. We provide cancer patients, caregivers, and their oncologists with the evidence-based information needed to make good decisions—and we seek to learn continuously, from every patient’s experience. We help answer difficult questions about challenging cases, and openly share what we learn.

The **Clinical Oncology Scientist** gathers and applies evidence to provide second opinions and a personalized action plan to address patients' inquiries. Patient and caregiver requests may include information about diagnosis, treatment options, symptom management, genetics/family history, supportive care, and recommendations for medical experts in the field and center-of-excellence/high-volume clinics.

The Scientist also simultaneously collects, analyzes, and learns from de-identified data gathered through patient interactions to advance cancer research and participates in internal workgroups. Cancer Commons is in the process of developing an AI platform to support personalized Nof1 clinical research and care, and the Scientist will be an active participant in that project. Both patient interaction and data organization and analytical skills are required.

The Cancer Commons team is a supportive, forward-thinking group of professionals who communicate daily with each other and with partner organizations. We document all patient interactions and correspond regularly in our patient database and in Slack.

Title:

Clinical Oncology Scientist (PhD) | Remote

Responsibilities

- Triage cases and interact with cancer patients and caregivers via phone/text and email to provide information about patient-generated queries including:
 - Individual diagnosis (statistics, prognosis, testing, treatment)
 - Current treatment expectations (scientific evidence regarding efficacy, side effects, quality of life)
 - Clinical trial search based on treatment history, disease stage, geography
 - Specific testing options (molecular profiling, tumor markers, imaging, liquid biopsy)
 - Supportive care (pain management, side effects management, symptoms management)
- Review patient medical records, summarize patient history, and provide individualized information or treatment options based on treatment history, molecular profiling, performance status, treatment goals.
- Respond to patient helplines by phone and email and document clinic notes in an internal database.
- Conduct in-depth clinical evidence research and generate treatment option reports
- Communicate with oncology experts about challenging cases
- Capture and analyze data for a knowledgebase of testing, treatment, and patient experiences to continuously learn, improve, and guide evidence-based patient care (Learning Health System, LHS)

Requirements

- PhD in Biological Sciences or related field
- In-depth understanding of cancer biology, including molecular genetics
- Ability to match patients to clinical trials based on trial inclusion/exclusion criteria, tumor molecular biology, and drug mechanism of action
- Experience with Nof1 platforms and decentralized IRBs
- Ability to understand and verbally communicate treatment rationales (e.g., reasoning and data behind recommendations for clinical trials, targeted therapies, etc.)
- Understanding of clinical care and patient privacy
- Strong communication skills, verbal and written
- Ability to review medical records, answer patient questions in real-time, and communicate findings via email or phone/Zoom

Requirements (continued)

- Ability to document, organize, manage, and analyze data in knowledgebase(s) including G-Suite
- Research skills for running small clinical studies to learn from patients being treated as n-of-1s
- Passionate about helping patients navigate the ever-changing therapeutics space in cancer
- Demonstrated commitment to supporting disease-based nonprofit organization(s)

Desirable Qualifications:

- Familiarity with Large Language Models (LLMs) and Generative AI
- Ability to design and operate AI-assisted workflows
- Medical informatics or database design background
- Experience designing and administering surveys such as assessing treatment outcomes
- Understanding of drug development and clinical trial design
- Experience with Monday.com or similar CRM platforms

Compensation & Benefits:

Salary range: \$115,000-\$130,000 (commensurate with experience). Cancer Commons offers medical, dental, vision, life and long-term disability benefits, as well as a generous paid time off plan.

Cancer Commons is an equal opportunity employer. All applicants will be considered without attention to race, color, religion, sex, sexual orientation, gender identity, national origin, veteran, or disability status.

Cancer Commons checks references and verifies candidate qualifications/degree(s) and identity.

To apply for this position, send your CV or resume, your LinkedIn profile, and a cover letter to Hiring@CancerCommons.org. We'd love to hear from you.