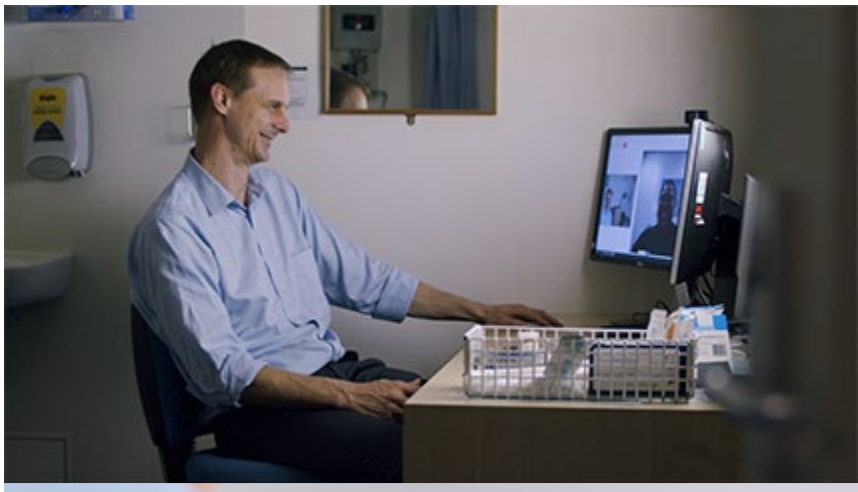
The Royal Melbourne Hospital | the women's the royal women's hospital victoria australia | The Royal Children's Hospital Melbourne | Peter Mac Peter MacCallum Cancer Centre Victoria Australia







Advancing health for everyone, everyday.

Could this be you?

Join Public Pathology Victoria

Position Description

Clinical Bioinformatician

PUBLIC PATHOLOGY VICTORIA (PPV)

Through Public Pathology Victoria (PPV), the pathology services of The Royal Melbourne Hospital, Peter MacCallum Cancer Centre, The Royal Women's Hospital and The Royal Children's Hospital have come together as the founding members of a single integrated pathology network.

The PPV integration marks a significant milestone in strengthening the scope, scale and reach of public pathology services for the benefit of all Victorians.

As PPV continues to evolve, it is positioning itself as a leading centre of excellence in pathology, driving clinical innovation, research, education and service excellence. The network has been designed to support future expansion, with additional pathology services able to join over time, further strengthening a connected statewide pathology system and improving health outcomes across Victoria.

This role will contribute to shaping and supporting the future of this leading statewide pathology service.

The Royal Melbourne Hospital

The Royal Melbourne Hospital (RMH) began in 1848 as Victoria's first public hospital. And while we only had 10 beds to our name, we had the community of Melbourne behind us, and we were ready to provide the best possible care for those in need.

Since those early years, we've moved forward with purpose. Always at the forefront, leading the way on improving the quality of life for all.

Today the RMH is one of the largest health providers in the state, providing a comprehensive range of specialist medical, surgical, and mental health services; as well as rehabilitation, aged care, outpatient and community programs.

Our reputation for caring for all Melburnians is as essential to who we are as any scientific breakthrough we make. We're here when it matters most, and we'll continue to be the first to speak out for our diverse community's wellbeing.

Peter MacCallum Cancer Centre

Peter MacCallum Cancer Centre is a leader in international cancer research, prevention, treatment, diagnosis and control.

As part of PPV we are at the forefront of a new era of major transformation. Our unique laboratory bench-to-bedside approach, highly talented and committed people, new facilities, and local and international partnerships all work together toward our goal of improving and saving lives.

Ground-breaking scientific discoveries and life-changing treatments are creating new hope for people with cancer, and advances in molecular and genomic medicine are changing how we understand cancer's development and how we detect and treat it.

Our normal days are extraordinary as we relentlessly pursue research discoveries and innovative clinical practices that lead to improvements in cancer treatments. In pathology, we strive for excellence to support this era of cancer medicine and diagnostic transformation. We advocate for our patients through exceptional service, innovative research and personalised clinical care.

The Royal Melbourne Hospital

THE ROYAL MELBOURNE HOSPITAL

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OUR VISION

Advancing health for everyone, every day.

THE MELBOURNE WAY

At The RMH we're inspired by our vision of Advancing health for everyone, every day. While we're each going about our different roles, we're united by a shared understanding of the way we do things around here. We call it The Melbourne Way. We put people first — leading with kindness and working together, we excel as one Royal Melbourne Hospital.

People First

People are at the heart of everything we do. We take the time to understand how we can make the most positive difference for them.

Lead with Kindness

Our care and compassion sets us apart. We lead the way with a respectful, inclusive spirit — embracing the things that make us all unique.

Excellence Together

True excellence is only possible when we work as one Royal Melbourne Hospital community. Through collaboration, we set the highest of standards and achieve our goals.

Together 2035 - Our 10 year ambition positions the organisation to have a meaningful impact. Acknowledging the need for ability, adaptability and failing fast, it is assumed throughout this strategy cycle that nothing will stay stagnant. We will continuously strive for excellence in health - through data insights, the latest research, responding to community sentiment, and global trends and importantly the views, needs and feedback of patients, consumers, carers and community.

STRATEGIC PILLARS

Redesigning Together - We are redesigning world-class care
Thriving Together - We are thriving through inspiration & curiosity
Innovating Together - We are leading research excellence for clinical impact

Strategic Drivers
Systems Thinking
Digital Intelligence
Performance & Sustainability

Position Description

Position Title:	Clinical Bioinformatician
Service:	PMCC - Pathology
Location:	Peter MacCallum Cancer Centre
Reports To:	Team Leader Clinical Bioinformatics
Enterprise Agreement:	Victorian Public Health Sector (Health and Allied Services, Managers and Administrative Workers) Single Interest Enterprise Agreement 2025-2027
Classification:	HS5
Employment Status:	Fixed Term
Immunisation Risk Category:	Category A
Date of Review:	November 2026

POSITION SUMMARY

The Peter MacCallum Cancer Centre offers cutting edge cancer genomics screening and analysis for actionable clinical interpretation. Our clinically targeted next generation sequencing panels and bioinformatics pipelines require embedded clinical bioinformatics expertise within the Pathology Department.

This position will support the Molecular Pathology Laboratory to provide the highest quality of molecular services to the patients of Peter MacCallum Cancer Centre and its external clients. Key duties and responsibilities include (but are not limited to):

- Assisting with the clinical bioinformatics requirements for the analysis of next-generation sequencing data; through the implementation and maintenance of workflows around design, performance, validation, quality control and accreditation.

KEY ACCOUNTABILITIES

- Communicates effectively with laboratory scientists and bioinformaticians.
- Understands and investigate software requirements.
- Participates in lab meetings and bioinformatics seminars.
- Presents results to other members of the department.
- Excellent oral communication skills
- Maintains a good working relationship with others in the Pathology Department.
- Works closely with other bioinformaticians and software developers.
- Supervises junior team members as required.
- Provides advice & support to laboratory scientists as required.
- Take part in training and teaching forums within Peter Mac, the Parkville precinct, and beyond
- Present original clinical informatics solutions in national and international scientific forums and peer reviewed journals.
- Share methods and programming code with other team members.
- Work with key external organisations to strengthen and maintain strategic collaborations.

KEY RELATIONSHIPS

Internal

- Indirect reports:
  - Clinical Lead - Clinical Bioinformatics
  - Principal Scientist for Molecular Pathology
  - Clinical Lead - Familial & Somatic Testing Stream
  - Clinical Lead - Molecular Haematology Testing Stream
  - Head of Molecular Pathology
  - Director of Pathology Operations
  - Director of Pathology
- Team Leader(s) > Clinical Reporting
- Team Leader > Laboratory Operations
- Team Leader > PathOS
- Research Computing Facility (RCF)
- Molecular Genomics Core Facility
- Bioinformatics Core Facility
- ICT Department

External

- Clinicians, external clients, external collaborators and institutions

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KEY SELECTION CRITERIA

Formal Qualifications:

- BSc in a relevant discipline, such as computer science or bioinformatics

Essential:

- Prior full-time work experience (3-5 years) in a Bioinformatics or Computer Science role
- Excellent Python or R programming skills
- Solid experience with LINUX and Shell scripting
- An interest in clinical applications of NGS in cancer
- Excellent verbal communication, organizational and time management skills
- Ability to work both independently and as a member of a team

Desirable:

- MSc or equivalent in Bioinformatics or Computer Science
- Prior full-time work experience as Bioinformatician in a clinical setting
- Familiarity with cancer genetics, cancer research, cell biology, or personalised medicine

KEY PERFORMANCE INDICATORS

Your performance will be measured through your successful:

- Generation of high-quality pipelines through best practice programming.
- Develops new methods to address bioinformatic challenges.
- Analyses clinical data for validation and accreditation purposes.
- Writes detailed documentation, shares methods and publishes.
- Assists in preparing Standard Operation Procedures.
- Collaborates and communicates effectively.
- Working under pressure and meeting critical deadlines.
- Follows and understands instructions; willing to learn new skills.
- High level of integrity and ethics
- Demonstration of RMH values
- Achievement of portfolio specific KPI targets
- Participation in and satisfactory feedback through the annual performance review process
- Ability to maintain a safe working environment and ensure compliance with legislative requirements

AT THE RMH WE:

- Aim to provide a working environment that is safe and without risk to the health, safety and wellbeing of all employees, patients and consumers, and visitors.
- Speak up for patient, consumer, colleague and visitor safety, escalating issues if required.
- Deliver Safe, Timely, Equitable, Person-centred Care (STEP) in line with our clinical governance framework.
- Work in accordance with relevant policies, procedures, standards and legislation including those related to clinical or competency requirements, risk management, discrimination, equal opportunity and health safety and wellbeing.

OUR COMMITMENT:

- **Equity, Inclusion, Belonging and Safety**
  - As a leader in healthcare, we recognise the need to foster a culture of equity, inclusion, and belonging — safe spaces where every individual is empowered to be their authentic self, contributing meaningfully to the collective well-being of our community.
- **First Nations Commitment**
  - We acknowledge and pay our respects to the Traditional Owners of the lands on which we work and stand in solidarity with Aboriginal and Torres Strait Islander peoples. We are committed to creating a culturally safe environment that honours First Nations voices, knowledge, and self-determination through inclusive governance, respectful policies, and a steadfast commitment to anti-racism. The Royal Melbourne aspires to lead by example in addressing the injustices of colonisation and its ongoing impacts.
- **Child Safe Standards**
  - RMH is a child safe organisation. We are dedicated to fostering an environment that respects and upholds the rights of children and young people, in line with the Child Safe Standards. We actively embed these standards in our culture, policies, and practices, ensuring that the safety and wellbeing of children and young people is a central priority.
- **Equal Opportunity and Accessibility**
  - We are proud to be an equal opportunity employer that champions diversity in all its forms. We value the strengths and perspectives that come from people of all backgrounds, identities, abilities, and lived experiences. We encourage applicants from all communities, and we will provide reasonable adjustments to support equitable participation.
- **Thriving Together**
  - Together, we are committed to fostering an environment where everyone feels respected, safe, and empowered to thrive.

ACCEPTANCE

I acknowledge and accept that this position description represents the duties, responsibilities and accountabilities that are expected of me in my employment in the position. I understand that The RMH reserves the right to modify position descriptions as required, however I will be consulted when this occurs.

Employee Signature

Employee Name (please print)

Date