

JOB DESCRIPTION

TELETHON KIDS INSTITUTE



Why is this Job Description being written?		<input checked="" type="checkbox"/> New Position <input type="checkbox"/> Replacement Position <input type="checkbox"/> Position re-designed <input type="checkbox"/> Position not previously described			
POSITION DETAILS:		Position Title:	POST-DOCTORAL RESEARCHER – CRISPR Gene Editing		
Division:	Research Platforms	Department:	Telethon Kids Genome Nexus (Genomics, genome editing & supercomputing core capacity)		
Position reports to: (role)	Lead Scientist – Genome Nexus & Translational Genomics				
Location: include all possible locations	100 Roberts Road Subiaco				
POSITION PURPOSE: In one or two sentences briefly summarise the overall purpose of this role, i.e. broadly, what this role does and why					
The position will be involved in creating and applying state of the art CRISPR genome editing to proof of concept scientific problems and functional genomic studies.					
KEY RESPONSIBILITY AREAS <i>(Please list in order of importance)</i>					
Key Position Accountabilities What are the main areas for which the position is accountable	% of Total Role	Inputs: What are the key activities or tasks to be carried out?	Outputs: What are the expected end results?	Measures: How it is measured	

Research Activity		<ul style="list-style-type: none"> • Conduct independent research using CRISPR/Cas editing approaches • Ensure compliance with environment, safety, health and quality program requirements • Maintain strong dedication to the implementation and perpetuation of values and ethics • Plan and undertake research projects in collaboration with supervisor • Contribute to preparation of manuscripts • Contribute to preparation of grant applications • Present data at seminars and conferences • Collaborate with teams • Seek independent funding for research program. • Set up and maintain equipment • Attendance and participation at research seminars and meetings • Other duties as directed by supervisor and other team members 	<ul style="list-style-type: none"> • Successful research project outcomes • Analysis results • Collaborative attitude • Gain new knowledge 	<ul style="list-style-type: none"> • Successful research outcomes • Positive feedback from leader and team members • Participation in research discussions
Administration		<ul style="list-style-type: none"> • Present and report research results and publish scientific results in peer-reviewed journals in a timely manner • Generate and maintain standard operating procedures • Writing methods sections and figure generation for publications or conference presentations, preparation of relevant correspondence • Active participation in working groups and committees • Other administrative activities as requested by line manager 	<ul style="list-style-type: none"> • Clear and concise communication • Up to date knowledge of procedures • Correspondence requests completed within a few days • Requests completed within a timely manner 	<ul style="list-style-type: none"> • Feedback from Manager and team • Excellent publications done in a timely manner
Teaching, Training and Engagement		<ul style="list-style-type: none"> • Supervision of junior staff and research students • Propose research projects for students • Supervise and mentor staff and students (higher degree and honours) • Contributes to, coordinates or attends consumer/community participation groups and forums • Participates in Institute public events (including fundraising, donor, research presentations etc. • Communicates research program and findings in Institute forums (e.g. seminars) 	<ul style="list-style-type: none"> • Provide mentorship and training • Ensure the learning and development of staff/students • Engage with fundraisers/donors and general public about our research 	<ul style="list-style-type: none"> • Quality of performance of team members • Feedback from team members • Attendance and participation at fundraising functions

<p>Team Membership</p>	<ul style="list-style-type: none"> • Organise and participate in team meetings • Working cohesively and collaboratively with others - both internal (direct team members) and external (other TICHR/PMH staff and collaborators) • Provide regular performance feedback to line manager • Build networks with other researchers, health care providers and policy makers working in related areas 	<ul style="list-style-type: none"> • Effective teamwork • Foster a positive and productive environment • Provide mentorship and training 	<ul style="list-style-type: none"> • Positive feedback from team members and collaborators • Harmonious and motivated work environment • Active participation in the GPS evaluation process
<p>ESSENTIAL SKILLS, KNOWLEDGE AND EXPERIENCE:</p>			
<p>Qualifications: what are the minimum educational, technical or professional qualifications required to competently perform role</p>	<ul style="list-style-type: none"> • PhD in Molecular Biology or a related discipline completed within the last five years • Background in CRISPR/Cas engineering and cell culture • At least one first author publication 		
<p>Skills, Knowledge & Experience:</p>	<ul style="list-style-type: none"> • Excellent written and oral communication skills and the ability to communicate in English to an international scientific audience • An excellent record of productive and creative research as proven by publications in peer-reviewed journals • Motivated self-starter with the ability to work independently and to participate creatively in collaborative and frequently interacting teams of researchers • Ability to work as part of a team • Demonstrated ability to set goals, develop priorities and meet deadlines • Demonstrated knowledge of research methodologies • Confidence to work independently • Ability to manage multiple priorities and a demanding schedule • Good interpersonal and communication (both written and verbal) skills • Excellent planning and organizational skills with excellent attention to detail 		
<p>DESIRABLE SKILLS, KNOWLEDGE AND EXPERIENCE:</p>			
<p>Qualifications: what are the minimum educational, technical or professional qualifications required to competently perform role</p>			
<p>Skills, Knowledge & Experience:</p>	<ul style="list-style-type: none"> • Experience working in multiple host systems is advantageous • Experience in biosystems design is highly desirable and basic experience in combining experimental data with computational models for iterative biodesign 		

SCOPE:

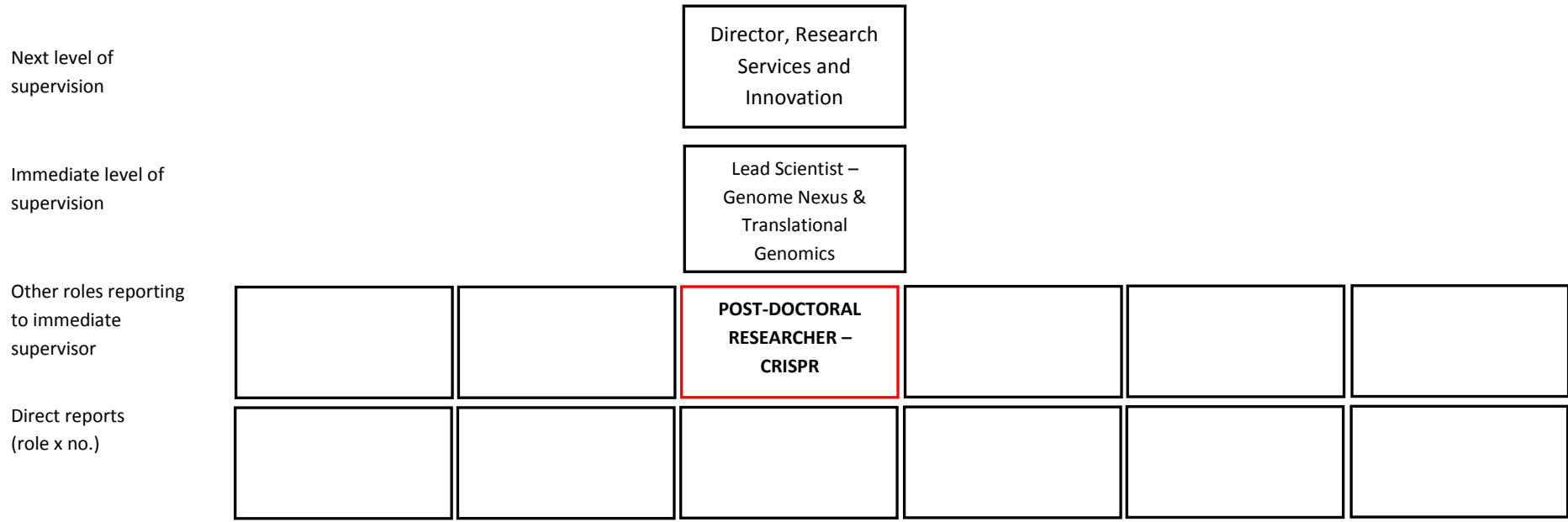
Financial accountability: Does this role have accountability for a budget?

- No

People responsibility: Does this role have any direct reports or indirect reports (through direct reports)?

No. of direct reports	0	No. of indirect reports	0
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ORGANISATIONAL CHART: (please complete using position titles or insert diagram below)



ADDITIONAL INFORMATION: is there any additional information that needs to be understood to explain this role?