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## Principle Investigator : Singapore, Singapore

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Applicants should possess Ph.D. degree in computational biology, systems biology or relevant areas (e.g., statistics, mathematical biology, statistical bioinformatics, computer science, discrete mathematics, biophysics) and a notable publication record.

You should have strong research skills and publications' record, especially in the areas of genome & transcriptome data analysis, systems biology and computational cancer genomics.

Good programming experience (e.g. C/C++, R, S-plus, SQL, Java, Oracle, website and database experience) and experience in experimental studies is a plus.

Possible projects might be focus on microarray and NGS data analysis, DNA-RNA-protein interactions, modelling and prediction of complex interaction networks, ncRNA structures and functions, non-canonical nuclear acid structures, identification and validation of biomarkers associations with cellular phenotypes and human diseases (specifically cancers), and relevant statistical, computational, systems biology algorithms development.

We are looking for a candidate who is independent-minded, can work well in a team environment, and willing to collaborate with experimental laboratories, clinicians and industry.

The job scope includes:

- Genome sequence and expression profile analyses relevant to basic biological or/and clinical problems with the goal of elucidating genome-phenotype relationships and the mechanisms linking the two.
- Recruit and lead a research group.
- Education of PhD students and, to a minor degree, of MSc students.

The position provides a three-year renewable contract with competitive benefits. Interested applicants should send your CV, statement of research interests and the names and addresses of three references to Dr. Vladimir Kuznetsov ([vladimirk@BII.a-star.edu.sg](mailto:vladimirk@BII.a-star.edu.sg)).

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## Job details

Employer

[Bioinformatics Institute, A\\*STAR](#)

Location

- 30 Biopolis Str #07-01; Matrix bldg, Singapore, Singapore

Posted

about 1 month ago

Expires

July 19, 2013

Job type

[Group Leader](#)

Salary

\$80,000 - \$110,000

Qualifications

[Postgraduate - Doctorate/PhD](#)

Employment type

[Contract](#)

Job hours

[Full-time](#)

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