

Dear colleagues,

A post-doctoral position is available in my group.

Our **Titan Krios** G3 with a phase-plate and Gatan K2 and Falcon 3 cameras, **Talos Arctica** with a phase-plate and a Falcon 3 camera, and a **T12** are all operational and waiting for you! We do not have months of wait time to use these EMs for a few days, typical in many other places.

My group is a part of the [Molecular Horizons](#) research centre. At \$80 million, it is the largest investment ever made by this university. I am also affiliated with the [Illawarra Health and Medical Research Institute \(IHMRI\)](#).

My main interest is studying protein complexes that carry out processes involving nucleic acids, such as DNA recombination and replication, and RNA transcription.

Wollongong is only an hour away from one of the World's third [most liveable city Sydney](#), and is much more liveable than Sydney!

Only minutes to the miles-long beaches and rock-pools, it is just a beautiful place.



<https://www.visitnsw.com/destinations/south-coast/wollongong-and-surrounds/beaches>



<https://www.stanwellparkbeach.com/coalcliff-swimming-pool-officially-open/>

Candidates who have expertise in cloning, protein overexpression and purification (ideally, from both bacteria and insect cells), and cryo-EM (including computer skills such as familiarity with Linux and scripting/coding), will be preferred.

If you feel enthusiastic about working on these research projects, and have the relevant skills and expertise, please submit your application here:

<https://jobs.uow.edu.au/careersection/ext/jobdetail.ftl?job=181596&tz=GMT%2B11%3A00>

If you have any questions, feel free to contact me at gokhan_tolun@uow.edu.au

Here are more details about the projects:

<https://smah.uow.edu.au/chem/contacts/UOW241602.html>

Here are more details about Molecular Horizons Research Centre:

<https://media.uow.edu.au/releases/UOW222995.html>

<https://vimeo.com/201952363>

<https://www.uow.edu.au/about/molecularhorizons/index.html>

<https://www.youtube.com/watch?v=a8ffeRd3Opk>

<https://www.youtube.com/watch?v=mZRPAC6SPrg>

Cheers,

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