

FRESH

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FRESH NEWS STRAIGHT FROM THE SOURCE

Announcements

Dr Loveday moves to AgResearch

After nearly 20 years with Massey University as both student and staff, Dr Simon Loveday (AI) resigned from his position as Senior Research Officer in late April to take up a position as Senior Scientist in the Dairy Team at AgResearch



Dr Simon Loveday (Riddet Institute Associate Investigator)

Grasslands. He will remain as AI in the Riddet Institute and will continue to contribute to Institute research programmes.

Dr Montoya moves to AgResearch

Dr Carlos Montoya (Affiliated Researcher) has left Massey University after 8 years to join the Food Nutrition & Human Health Team led by Prof Nicole Roy (PI) at AgResearch Grasslands where he will focus on gut and brain responses. Carlos will still be working part time with the Institute and continue to collaborate with the Institute on



its research, especially those programmes led by Distinguished Professor Paul Moughan.

Dr Carlos Montoya (Riddet Institute Affiliated Researcher)

Alzheimer's: Let's Nip it in the Bud!

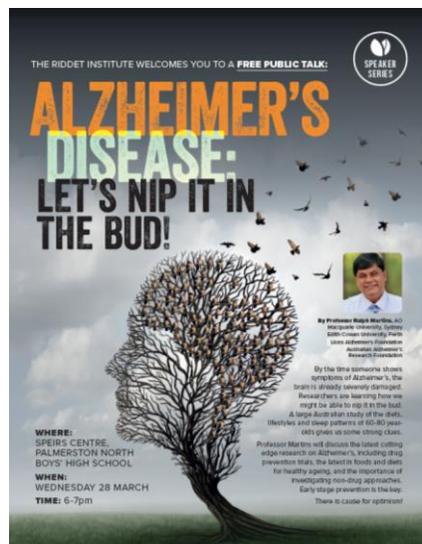
On 28th March, Professor Ralph Martins (Macquarie University, Sydney) gave a fascinating free public lecture on his research into Alzheimer's Disease (AD) and the hope scientists' have for stemming it in future.

The talk, held at the Spiers Centre at Palmerston North Boys' High School, was attended by over 300 people including academics, members of Alzheimer's Manawatu, care-home residents, and the general public. The feedback has been overwhelmingly positive. One attendee who has dementia particularly enjoyed the presentation and passed on their feedback.



Professor Ralph Martins is the Foundation Professor and Inaugural Chair in Ageing and AD at Edith Cowan University, Perth and a Professor of Biomedical Sciences at Macquarie University, Sydney. He is well-known and highly respected internationally as a prominent researcher in AD research. Professor Martins has received many awards and accolades for his outstanding research, including Member of the Order of the Knights of St John of Jerusalem in 2013 and the Officer of the Order of Australia in 2013. Prof Martins is currently involved in a joint PhD research programme with the Riddet Institute, looking into food-based solutions for delaying the onset of AD.

Thank you to Prof Martins for coming to the Riddet Institute and delivering such an excellent lecture.





Left to right: Mr David Hughes (Plant and Food Research CEO) and Mr Peter Landon-Lane (former Plant and Food Research CEO)

Board Member Change

The Riddet Institute Plant and Food Research Board member representative has changed with the former CEO, Mr Peter Landon-Lane, passing the reins to his successor, Mr David Hughes.

New Postdoc at Riddet HQ

Dr Julia Low has started as a postdoctoral fellowship at Massey University investigating the characterisation of fermented foods developed using culture strains specific to New Zealand.

Julia is under the supervision of Prof Joanne Hort (PI) and will be involved in setting up the expert and consumer panels as well as the Consumer and Sensory Sciences Centre.



Dr Domigan's Big Announcement

Dr Laura Domigan (University of Auckland, Affiliated Researcher) gave birth to a healthy little girl named Clara in late March. Both mother and daughter are happy and healthy.

Trained Expert Sensory Panel

The Riddet Innovation team, with the support of Prof Joanne Hort (PI) are recruiting people to form a trained expert sensory panel. Panellists will be help with research into food and beverages by evaluating samples of food and drink for various sensory properties. No previous experience needed as full training will be provided. Hours will be a maximum of 2 2-hour sessions per week. Successful individuals selected for the panel will be reimbursed for their time.

For further information or to express an interest in attending selection activities, please contact the sensory team at sensory@massey.ac.nz



Institute Co-Director Steps Back

The leadership of the Riddet Institute changed in early 2018 with Distinguished Professor Paul Moughan stepping down as co-director and Distinguished Professor Harjinder Singh becoming sole director.

The Riddet Institute was established in 2003, hosted at Massey University, under the name of the Riddet Centre by Professors Moughan and Singh. Under their leadership the Institute has excelled. In 2008 it was chosen to be a New Zealand Centre of Research Excellence (CoRE) now it is a leading food research centre on a global scale. It has secured over \$50 million dollars in research funding from the New Zealand government and international and domestic food industries for innovative food science and technology programmes. In 2012, Professors Singh and Moughan were jointly awarded the Prime Minister's Science Prize of \$500,000, New Zealand's most valuable award for scientific achievement.



While Professor Moughan will no longer be co-director, he remains very active in the Institute as one of the Principal Investigators. He has assumed the role of Riddet Institute Fellow Laureate in recognition of his outstanding contribution to the Institute and to food research in New Zealand.

Professor Michael Tam

In March, Professor Michael Tam from the Department of Chemical Engineering and Waterloo Institute for Nanotechnology (Canada) came to the Riddet Institute as a visiting scientist for two weeks. During his stay here, Prof Tam met with students and staff to discuss their research projects and gave two seminars on Thursday 15th March and Friday 23rd March at the Riddet Institute. The seminars covered cellulose nanocrystals as a promising sustainable nanomaterial for advanced engineering applications and phosphorylated cellulose nanocrystal-modified chitosan complex for the stabilization and nutrient encapsulation in pickering emulsions. These seminars were well attended. Prof Tam also visited Fonterra on Monday 26th March and gave another presentation on his research. The Riddet Institute is establishing a collaboration with Professor Tam in the area of bioactive delivery in food systems.



Prof Tam obtained his B.Eng and PhD degrees in Chemical engineering from Monash University, Australia in 1982 and 1991 respectively. He began a postdoctoral fellowship at McMaster University Canada, and then taught at Nanyang Technological University, Singapore for 15 years. In 2007, he joined the Department of Chemical Engineering, University of Waterloo (Canada) as a tenured full professor, and holds the position of University Research Chair in the field of functional colloids and sustainable nanomaterials. His research interests are in colloids, self-assembly systems, polymer-surfactant interactions, and drug delivery systems.



Joint Food Science Facility Building construction in action

JFSF Building underway

Early this year ground was broken for the new joint Food Science Facility which will co-locate AgResearch, Massey University and Riddet Institute staff.

Riddet Institute LinkedIn

Check out our company page here: <https://www.linkedin.com/company/riddet-institute/> and please like, comment and share posts. If you want your news items posted here please email Hannah Hutchinson at h.hutchinson1@massey.ac.nz.

Dr Angeli Presentation Online

As mentioned in the last issue of FRESH, the presentation Dr Tim Angeli originally gave at the Student Colloquium 2017 conference is now available to view on our website here: <http://www.riddet.ac.nz/our-people/students>

Awards

Dr Skelte Anema Distinguished Researcher Award

Skelte (Riddet Institute Affiliated Researcher) was awarded the Fonterra Distinguished Research Award in February 2018.

Prof Elaine Rush Appointed Adjunct Professor

Elaine (Riddet Institute Associate Investigator) was appointed Adjunct Professor at Cork Institute of Technology in November 2017. In March she visited them and gave a public lecture entitled "The Weight of the World".

Upcoming Events

Enterprise & Innovation Workshop 2018 (Christchurch)

9th and 16th July

This is a training workshop over 2 days providing students with an insight into commercial innovation practices. The hands-on workshop is based on international best practice 'lean' methodology and involves student teams working on real technology examples. The workshop is led by Dr Chris Kirk (ex-Massey University and Lincoln University) – a recognised New Zealand leader in this field. This workshop ran in Palmerston North last year and the students involved felt they learnt a lot, therefore we are running it again for our South Island students. Please see our website for more details on the first workshop in Palmerston North and student feedback: <http://www.riddet.ac.nz/news/enterprise-innovation-workshop-a-hit>

NZIFST Conference (Hamilton)

3rd-5th July

The New Zealand Institute of Food Science and Technology will be holding their Annual Conference in July in Hamilton, focusing on food confidence built on science and technology. The Riddet Institute will be presenting at this conference on Thursday 5th July in the morning. Three students and one postdoctoral fellow will be presenting their research.

See: <http://www.nzifst.org.nz/conf-programme.asp>



Riddet Institute Conference (Wellington)

10th-12th July

The Riddet Institute Conference, incorporating the 2018 Student Colloquium will be held at the InterContinental Hotel, Wellington on 10-12 July 2018. The Conference will be organised as a standard academic conference; each session will be aligned with a platform in the Institute's CoRE research programme.

For more information contact John Henley-King at j.s.henley-king@massey.ac.nz

The Riddet Institute Partners

