

# Beasiswa Indonesia

<https://beasiswaindo.com/scholarships>

---

## PhD Student in Neurogenesis, University of Amsterdam, Netherlands

<https://beasiswaindo.com/scholarships/phd-student-in-neurogenesis-university-of-amsterdam-netherlands/>

---

**The Faculty of Science** occupies a leading position internationally in its fields of research and participates in a large number of cooperative programmes with universities, research institutes and businesses. The faculty has a student body of around 3,000 and 1,500 members of staff, spread over eight research institutes and a number of faculty-wide support services. A considerable part of the research is made possible by external funding from Dutch and international organisations and the private sector. The Faculty of Science offers thirteen Bachelor's degree programmes and eighteen Master's degree programmes in the fields of the exact sciences, computer science and information studies, and life and earth sciences.

Since September 2010, the whole faculty has been housed in a brand new building at the Science Park in Amsterdam. The installment of the faculty has made the Science Park one of the largest centres of academic research in the Netherlands.

**The Swammerdam Institute for Life Sciences (SILS)** is one of the Faculty's largest institutes. Its approximately 200 scientists and staff members work in 13 research groups that perform excellent research centered on four themes: 1) The Living Cell, 2) Plant Signaling, 3) Neuroscience, and 4) Life Science Technologies.

The candidate will carry out a research project concentrating on the regulation of adult neurogenesis by hormones and microRNAs in animal models of epilepsy.

Within the research group Structural and Functional Plasticity of the Nervous System (Center for Neuroscience, theme 3), we offer a vacancy for a

### PhD Student in Neurogenesis

38 hours per week

vacancy number W11-213

Neurogenesis, the generation of neurons, is a delicately controlled process. In the adult hippocampus, a complex balance of factors keeps it within physiological range. In pathological situations, neurogenesis is aberrantly induced. This is well proven in animal models of epilepsy. This aberrant neurogenesis correlates with hallmarks of epilepsy in human brain.

Alterations in neurogenesis are not unique to the epileptic brain. Alterations have been linked to other neurologic disorders such as addiction, stress and depression, stroke, schizophrenia and others.

In the laboratory, we extensively use confocal microscopy techniques, molecular biology and a wide range of RNAi effectors from synthetic siRNAs to short hairpin RNAs and artificial microRNAs. In combination with viruses engineered and optimized to deliver RNAi effectors to stem cells and newborn neurons in the hippocampus in vivo, our experimental approach provides an excellent opportunity to contribute substantially to a currently booming scientific field.

### Requirements

- A master/academic degree in Neuroscience, Biochemistry, Molecular biology or equivalent;
- Experience with handling laboratory animals, basic molecular biological techniques, immunohistochemistry and cell culture are a pre-requisite. Experience with stereotaxic surgery and electrophysiology is a plus. Experience with animal models of epilepsy and confocal microscopy is well appreciated;
- Highly motivated, positive attitude;

- The ability to work independently as part of a team;
- Fluent use of the English language in written and verbal forms.

### Further information

Project information can be obtained from Dr. Carlos P. Fitzsimons, e-mail: [c.p.fitzsimons@uva.nl](mailto:c.p.fitzsimons@uva.nl).

*Please do not send applications to Dr. Carlos P. Fitzsimons; send them to [application-science@uva.nl](mailto:application-science@uva.nl) instead. Please find more application information below.*

### Appointment

The full-time appointment will be on a temporary basis for a maximum period of four years (18 months plus a further 30 months after a positive evaluation) and should lead to a dissertation (PhD thesis). An educational plan will be drafted that includes attendance of courses and (international) meetings. The PhD student is also expected to assist in teaching of undergraduates.

Based on a full-time appointment (38 hours per week) the gross monthly salary will range from € 2042,- in the first year and € 2612,- in the final year, according to the Dutch salary scales for PhD students. The collective employment agreement (CAO) of Dutch universities is applicable.

### Job application

Applications, quoting the vacancy number and marked strictly confidential (in the upper left-hand corner of the envelope) should include a curriculum vitae. Applications should be sent to:

Dienst Personeelszaken  
Universiteit van Amsterdam  
Faculteit der Natuurwetenschappen, Wiskunde en Informatica  
Postbus 94216  
1090 GE Amsterdam  
the Netherlands.

Applications may also be emailed to [application-science@uva.nl](mailto:application-science@uva.nl), bearing the vacancy number in the subject line and relevant documents as attachments.

The closing date for application is January 31, 2012.

- 
1. Fully Funded Scholarships, King Fahd University of Petroleum and Minerals, Saudi Arabia
  2. Master Scholarships, Faculty of Medicine, Imperial College London, UK
  3. Fully Funded YSEALI Academic Fellowship, USA
  4. Fully Funded Australia Awards Scholarships
  5. Fully Funded GCE A Level Scholarships for Indonesian Students, Singapore
  6. Fully Funded Master Scholarships, Kyoto University, Japan
  7. Fully Funded Scholarships, Mohamed bin Zayed University of Artificial Intelligence, UAE
  8. Fully Funded Scholarships in Astronomy, University of Cambridge, UK
  9. Full Tuition Fee LLM Scholarships, University of Warwick, UK
  10. Fully Funded Scholarships – Qatar University
  11. Fully Funded Scholarships, Bond University, Australia
  12. Fully Funded Art Major Asian plus Scholarships, Korea National University of Arts, South Korea
  13. Full Funded VLIR-ICP Master Scholarships, KU Leuven, Belgium
  14. Fully Funded Fulbright Distinguished Awards in Teaching Program, USA
  15. Fully Funded Scholarships, Pukyong National University, South Korea
  16. Fully Funded Scholarships, Yeungnam University, South Korea
  17. Fully Funded Scholarships, Sungkyunkwan University, South Korea
  18. Fully Funded Scholarships, Sunchon National University, South Korea
  19. Fully Funded Scholarships, Seoul National University of Science and Technology, South Korea
  20. Fully Funded Scholarships, Pusan National University, South Korea
  21. Fully Funded Scholarships, Kyungpook National University, South Korea
  22. Fully Funded Scholarships, University of New England, Australia
  23. Fully Funded Scholarships, Kunsan National University, South Korea
  24. Fully Funded Scholarships, Kookmin University, South Korea
  25. Fully Funded Scholarships, Kangwon National University, South Korea
  26. Fully Funded Scholarships, Jeonbuk National University, South Korea
  27. Fully Funded Scholarships, Hoseo University, South Korea
  28. Fully Funded Scholarships, Gyeongsang National University, South Korea
  29. Fully Funded Scholarships, Dongseo University, South Korea
  30. Fully Funded Scholarships, Dongguk University, South Korea
  31. Fully Funded Scholarships, Chung-Ang University, South Korea
  32. Fully Funded Scholarships, Chonnam National University, South Korea
  33. Fully Funded Scholarships, Ajou University, South Korea

34. Fully Funded Graduate Scholarships for International Students, South Korea
  35. Fully Funded Fulbright Foreign Language Teaching Assistant, USA
  36. Fully Funded Scholarships, CERGE-EI, Czech Republic
  37. Full Tuition Fee Scholarships for Female Students from Developing Countries, Swansea University, UK
  38. Master Scholarships, University of Twente, Netherlands
  39. Fully Funded Sport Management Scholarships, Seoul National University, South Korea
  40. Fully Funded ADB JSP Scholarships, Asian Institute of Technology, Thailand
  41. Undergraduate Maths Scholarships for International Students, University of Edinburgh, UK
  42. Fully Funded Scholarships in Singapore
  43. Tuition + Living Allowance Scholarships, University of Waikato, New Zealand
  44. Fully Funded Scholarships, Okinawa Institute of Science and Technology, Japan
- 

1. Beasiswa Penerbit Erlangga - Universitas Bengkulu
  2. Beasiswa Putra-Putri Transmigran Berprestasi - Universitas Gadjah Mada
  3. VLIR-ICP Master Scholarships, KU Leuven, Belgium
  4. Beasiswa UGM - Universitas Gadjah Mada
  5. Women and Diversity Undergraduate Scholarship - PT. Thiess Contractors Indonesia
  6. Art Major Asian plus Scholarship, Korea National University of Arts
  7. Nailekhanim Foundation Scholarship, Khazar University, Azerbaijan
  8. Fulbright Foreign Language Teaching Assistant (FLTA), American Indonesian Exchange Foundation, USA
  9. Eira Francis Davies Scholarship, Swansea University, UK
  10. Beasiswa Mahasiswa - Pemerintah Kota Pekanbaru
  11. Beasiswa Master 2, Prancis
  12. Beasiswa Tematik, Prancis
  13. Beasiswa Kartini Sains, Prancis
  14. Beasiswa France Excellence S2, Prancis
  15. Beasiswa France Excellence D3 / S1, Prancis
  16. University of Waikato Doctoral Scholarship, New Zealand
  17. Asian Development Bank - Japan Scholarship Program (ADB-JSP), Asian Institute of Technology, Thailand
  18. University of Twente Scholarship (UTS), Netherlands
  19. Australian Government Research Training Program (RTP) Scholarship, Bond University, Australia
  20. Australia Awards Scholarships
  21. Faculty of Medicine Dean Master Scholarships, Imperial College London, UK
  22. International Graduate Scholarships, Korea Advanced Institute of Science and Technology (KAIST)
  23. Asian Future Leaders Scholarship Program, Kyoto University, Japan
  24. Beasiswa Bantuan Penelitian - Bank Indonesia Institute
  25. Beasiswa Mahasiswa Berprestasi Non Akademik - Provinsi Kalimantan Barat
  26. Future Leader Scholarship, LASALLE College of the Arts, Singapore
  27. Beasiswa Talenta Atlet, Seni dan Sains - Universitas Muhammadiyah Yogyakarta (UMY)
  28. Beasiswa Kader Unggulan Muhammadiyah (KAUM) - Universitas Muhammadiyah Yogyakarta (UMY)
  29. Beasiswa Dokter dan Dokter Gigi Muhammadiyah - Universitas Muhammadiyah Yogyakarta (UMY)
  30. Talent Scholarship - Qatar University
  31. PhD Scholarships in Economics, CERGE-EI, Czech Republic
  32. Fulbright Distinguished Awards in Teaching Program for International Teachers (Fulbright DAI), USA
  33. Beasiswa Jalur Prestasi, D3 Teknologi Pengolahan Kelapa Sawit, Institut Teknologi dan Sains Bandung
  34. Beasiswa SMART Mills - PT Sinar Mas Agro Resources and Technology Tbk
  35. Beasiswa SMART Agro - PT Sinar Mas Agro Resources and Technology Tbk
  36. Vice Chancellor's International Excellence Scholarship, University of Waikato, New Zealand
  37. Boustany Astronomy Scholarship, University of Cambridge, UK
  38. Boustany Cambridge Pembroke Scholarship in Philosophy, University of Cambridge, UK
  39. Vice-Chancellor's International Scholarships Scheme, University of Sydney, Australia
  40. Edinburgh Global Undergraduate Mathematics Scholarships, University of Edinburgh, UK
  41. PhD Scholarships, Singapore International Graduate Award (SINGA)
  42. PhD Scholarships, United Arab Emirates University, UAE
  43. International Postgraduate Research Award (IPRA), University of New England, Australia
  44. ASEAN Scholarships for Indonesia by Ministry of Education, Singapore
  45. Master and PhD Scholarships, King Fahd University of Petroleum and Minerals, Saudi Arabia
  46. Fully Funded PhD Scholarships, Okinawa Institute of Science and Technology Graduate University, Japan
  47. Dr Goh Keng Swee (GKS) Scholarship for Undergraduate Students, Singapore
  48. Graduate Scholarships, Mohamed bin Zayed University of Artificial Intelligence, UAE
  49. Master & PhD Scholarships, Honjo International Scholarship Foundation, Japan
  50. ASEAN Graduate Scholarship, Nanyang Technological University, Singapore
  51. Bond University Postgraduate Research Scholarship (BUPRS), Australia
-