# StratNeuro funding for postdoctoral researchers.

StratNeuro received 37 submissions from across 9 departments. After evaluation from 10 external invited reviewers, we are happy to announce that StratNeuro will fund the 15 top ranked submissions, which represents an overall candidate success rate of 40.5%.
A total of SEK 11,250,000.00 from the StratNeuro budget was allocated to fund each awardee with SEK 750,000.00 towards their salary costs for 1 year.

The grant awardees are listed below in <u>alphabetical</u> order:

| Name | Department | Title |
|------|------------|-------|
| Alek Erikson | Physiology and Pharmacology | Signaling mechanisms underlying neural crest cell fate decisions |
| Britta Bouwman | Medical Biochemistry and Biophysics | Tracing the origin of copy number variation in neuronal cells |
| Bruno Sauce | Neuroscience | Testing the gene-environment interplay on learning ability and brain structure in children |
| Christopher Grigsby | Medical Biochemistry and Biophysics | Nonviral direct reprogramming of astrocytes to dopaminergic neurons |
| Enric Llorens | Cell and Molecular Biology | Editing cell identity to promote central nervous system repair |
| Hong Xu | Neurobiology, Care Sciences and Society | Untangling the links between dementia and chronic kidney disease |
| Johan Lundin Kleberg | Clinical Neuroscience | Eye tracking studies of developmental psychopathology. Towards novel biomarkers. |
| Kathleen Grabert | Institute of Environmental Medicine | Microglia Communication and Information Relay (MiCoRe) |
| Laurence Picton | Neuroscience | Convergence and integration of intraspinal proprioceptor feedback with internal motor commands in the hindbrain |
| Luana Naia | Neurobiology, Care Sciences and Society | Mitochondria on the road: neuroglial crosstalk in Alzheimer's disease |
| Luis Enrique Arroyo-García | Neurobiology, Care Sciences and Society | Gamma oscillation desynchronization as the earliest functional impairment in Alzheimer's Disease: Development of a potential treatment and clinical translation. |
| Paula Fontanet | Neuroscience | Neuroplasticity in the aging cochlea |
| Pierre Le Merre | Neuroscience | Towards a functional map of the mouse prefrontal cortex |
| Sho Oasa | Clinical Neuroscience | Spatial heterogeneity of opioid receptor dynamics and linking to signalling in live cells |
| Wiktor Phillips | Women and Children's Health | Breath in the brainstem: Disentangling the complexity of perinatal respiratory failure |

StratNeuro is committed to transparency and gender equality. We therefore detail our evaluation process below.

**Evaluation process:**

The submissions were divided into 2 groups, distributed by department and gender as equally as possible in a pseudo-random manner.

10 external reviewers invited by the StratNeuro board were allocated to 2 groups, balanced for gender and institution, as below:

| Name | University | Group |
|---|---|---|
| Malin Lagerström | Uppsala | 1 |
| Johan Jakobsson | Lund | 1 |
| Paolo Medini | Umeå | 1 |
| Stina Syvänen | Uppsala | 1 |
| Elin Esbjörner | Chalmers | 1 |
| Åsa Mackenzie | Uppsala | 2 |
| David Engblom | Linköping | 2 |
| Jonathan Gilthorpe | Umeå | 2 |
| Åsa Petersen | Lund | 2 |
| Ludmilla Morozova Roche | Umeå | 2 |

Scoring was conducted in agreement with the Swedish Research Council evaluation criteria, with a maximum possible score of 24 points. Submissions where a conflict of interest might be perceived were not scored. Only 2 such instances were reported.

The overall success rate was 40.5%. The success rate by gender was: 31.3% for women, 47.6% for men.

The scores among the 15 top ranked ranged from 19.2 to 21 points. The scores among the remaining 22 submissions ranged from 14.1 to 18.9 points.