

C V LINA BERGMAN

EMPLOYMENTS

- **Post doc scholarship**, SSMF – Swedish Society for Medical Research, Jan 2020-Jan 2022
- **Consultant**, Dept of obstetrics and gynecology, *Sahlgrenska university hospital Östra*, January 2020-
- **Consultant** Dept of gynecology and obstetrics, *Hospital of Falun*, Falun, January 2017-January 2020
- **Study director for Resident program OB/Gyn**, *County Council of Dalarna*, August 2017-today's date
- **Post doc position 50%**, *County Council of Dalarna*, January 2018-January 2020
- **Residency, Dept of gynecology and obstetrics**, Falun, November 2010 – 2016
- **AT tjänst (internship)**, *Hospital of Falun*, Falun, January 2009-November 2010

RELEVANT EDUCATION

- **Master of science in medicine** *Umeå University*, 2003-2009
- **Licensed physician** November 2010
- **Residency in Obstetrics and Gynaecology** *Falun Hospital*, 2010-2016
- **Licensed specialist doctor Obstetrics and Gynecology** January 2017
- **Clinical rotation in maternal-fetal medicine** *Tygerberg hospital, Stellenbosch University*, 2017 and 2018
- **PhD** *Uppsala University, Department of women's and children's health*, defense of thesis 20th October 2017
- **Post doctoral training** *Department of obstetrics and gynecology, Stellenbosch University*, January-April 2018, December 2028 – January 2019, March-May 2019 and *Uppsala University*

QUALIFICATIONS

- **PhD**
- **President for The Swedish Working Group for Preeclampsia (ARG Preeklampsi)** August 2018-present
<https://www.sfog.se/start/arg/preeklampsi-arg/start/>
- **Board member of steering group for national guidelines in preeclampsia** 2018-present
- **Member of steering committee SNAKS (Swedish National Network for Clinical Studies in OB/Gyn)**. August 2014-May 2016 A nationwide project where we aim to engage all Swedish OB/Gyn clinics in large randomized controlled trials.
- **Board member of OGU (Obstetricians and gynaecologist under training), Research and education post.** April 2013-April 2016.
- **Founder of I-SPY and member of steering committee (International Spontaneous preterm birth Young investigators)**, an international collaboration between young researchers within the field of preterm birth. May 2016-today's date
- **Reviewer for scientific journals**, ACTA Obstetrica et Gynecologica Scandinavica, European journal of obstetrics and gynecology, BMJ Open, BMC Medical genomics
- **Board member of CoLab – an international collaboration for biobanks in pregnancy and preeclampsia**
<https://pregnancycolab.tghn.org>
- **Lecturer for Midwife program Dalarna University and for medical students, Uppsala University**, 16 hours/term since 2011
- **Invited Speaker – Stellenbosch University 2017, Perinataldagarna 2018, SFOG congress week 2018, Grivas vascular health meeting Chile 2019, ISSHP European Conference, Lund 2019, Melbourne University 2019**
- **Member of the scientific committee for ISSHP 2019**
- **Supervisor for Medical Students (Reykavik University, Uppsala University and Lund University), Resident doctors (Stellenbosch and Falun) and PhD students Malin Andersson (University of Gothenburg), Therese Friis (Uppsala University), Paliz Callbo Nordlöf (Uppsala University) and Lilja Þórunn Þorgeirsdóttir (University of Gothenburg)**

RESEARCH SUPPORT

- Regional research funds, Uppsala-Örebro region PhD studies 2013-2017 (370 000 SEK)
- Regional research funds, Uppsala-Örebro region 2017-2019 HOPPSA study (142 000 SEK)
- Funds from Center for clinical research, Swedish Society of Medicine, Märta Lundqvist stiftelse, Jane och Dan Olssons stiftelse, STINT and Ester Åsbergs stiftelse for PROVE biobank 2018-2021 (1 865 000 SEK)
- Funds from Center for clinical research, Uppsala Örebro region for IMPACT biobank 2018-2021 (1 115 000 SEK)
- Postdoctoral scholarship SSMF 2020-2022 (17000 SEK/month for 2 years)
- Research price "Kvinnor och Hälsa" 2019 (50 000 SEK)
- Regional research funds Västra Götaland, Hjärfonden for GO-PROVE, 2018-2021 (1 407 000 SEK)
- SSMF project funds attached to postdoc position 2021 (250 000 SEK)
- Wallenberg travel scholarship (25000 SEK)

ONGOING PROJECTS

- *PROVE* – Preeclampsia Obstetric adVerse outcome – Principal investigator together with Catherine Cluver for a biobank and clinical investigations for organ complications in preeclampsia. Collaboration between Uppsala University, Gothenburg University, Stellenbosch University, Melbourne University, Baylor College of Medicine, Bio Bio University. Recruitment started in April 2018
- *IMPACT* – Study for Improving Maternal, Pregnancy and Child Outcomes. First trimester prediction with blood samples of 45 000 Swedish women. Member of steering committee and investigator for Dalarna County. www.impactstudien.se. Recruitment started in October 2018.
- GO-PROVE – Principal investigator for a biobank for all preeclampsia in Gothenburg with focus on cardiac- and neurological injury in preeclampsia including long-term follow up in registers. Recruitment started in May 2019

PUBLICATION LIST LINA BERGMAN

- Wikström, AK., Ekegren, L., Karlsson, M., Wikström, J., Bergenheim, M., Åkerud, H. Plasma levels of S100B during pregnancy in women developing pre-eclampsia. *Pregnancy Hypertension*, 2012, 2(4):398-402
- Bergman, L., Akhter, T., Wikström, AK., Wikström, J., Naessen, T., Åkerud, H. Plasma Levels of S100B in Preeclampsia and Association with Possible Central Nervous System Effects. *American journal of Hypertension*, 2014, 27(8):1105-1111
- Bergman, L., Åkerud, H. Plasma Levels of the Cerebral Marker Neuron Specific Enolase are Elevated in Pregnancy in Women Developing Preeclampsia. *Reprod Sci*, 2016. 23(3): p. 395-400
- Bergman, L., Naessen T., Åkerud H., Wikström AK., Larsson M., Akhter T., Cerebral biomarkers in women with preeclampsia are still elevated 1 year postpartum. *American journal of Hypertension* 2016.
- Nelander M., Weis J., Bergman, L., Larsson A., Wikström AK., Wikström J., Cerebral Magnesium Levels in Preeclampsia; A Phosphorus Magnetic Resonance Spectroscopy Study. *American journal of Hypertension* 2017.
- Dehaene, I., Bergman, L., Turtiainen, P., Ridout, A., Mol, B. W., Lorthe, E., from the International Spontaneous Preterm birth Young Investigators group, Maintaining and repeating tocolysis: A reflection on evidence. *Seminars in Perinatology* 2017
- Nelander M., Wikström AK., Weis J., Bergman L., Larsson A., Sundström Poromaa I., Wikström J., Cerebral Osmolytes and Plasma Osmolality in Pregnancy and Preeclampsia: A Proton Magnetic Resonance Spectroscopy Study. *American Journal of Hypertension* 2018
- Bergman L., Zetterberg H., Kaihola H., Hagberg H., Blennow K., Åkerud H. Blood-based cerebral biomarkers in preeclampsia: Plasma concentrations of NfL, tau, S100B and NSE during pregnancy in women who later develop preeclampsia - A nested case control study. *PLoS one* 2018
- Nelander M., Hannsberger D., Sundström Poromaa I., Bergman L., Weis J., Åkerud H., Wikström J., Wikström AK., Assessment of cerebral perfusion and edema in preeclampsia with intravoxel incoherent motion MRI. *Acta Obstetrica et Gynecologica Scandinavica* 2018
- Hesselman S., Bergman L., Högberg U., Jonsson M., Risk of fistula formation and long-term health effects after benign hysterectomy complicated by organ injury: a population based register study. *Acta Obstetrica et Gynecologica Scandinavica* 2018
- Hastie, R., Bergman L., Cluver C., Wikman A., Hannan N., Walker S., Wikström AK., Tong S., Hesselman S., Proton pump inhibitors and preeclampsia risk among 157,720 women: A Swedish population register based cohort study. *Hypertension*, accepted manuscript February 2019, HYPE201812547R3
- Hastie, R., Brownfoot, F., Cluver, C., Walker, S., Hesselman, S., Tong, S., Bergman, L., The predictive value of the signs and symptoms preceding eclampsia: a systematic review. *Obstetrics and Gynecology*, accepted manuscript July 2019, awaiting DOI
- Bergman, L., Torres, P., Penny, J., Wikström, J., Nelander, M., Leon, J., Tolcher, M., Roberts, J., Wikström, AK., Escudero, C., Brain alterations in preeclampsia: the need for a multidisciplinary effort. *Current Hypertension Reports*, accepted manuscript July 2019, DOI 10.1007/s11906-019-0977-0
- Cluver, C., Weslin, C., van der Merwe, C., Bezuidenhout, H., Nel, D., Groenewald, C., Brink, L., Hesselman, S., Bergman, L., Odendaal, H., The association of prenatal alcohol exposure on the cognitive abilities and behaviour profile of 4-year old children: a prospective study. *British Journal of Obstetrics and Gynecology*, accepted manuscript July 2019, awaiting DOI
- Jacobsson, B., Pettersson K., Modzelevska, D., Abrahamsson, T., Bergman, L., Håkansson, S., Preterm delivery: an overview on epidemiology, pathophysiology and consequences for the individual and the society. *Läkartidningen*. 2019 Oct 8;116. pii: FR6F

REFERENCES

- **Agneta Romin**, Head of Department, Gynecology and Obstetrics, Hospital of Falun, agneta.romin@ltdalarna.se
- **Anna Karin Wikström**, Professor, dept of Women and Children's Health, University of Uppsala, anna-karin.wikstrom@kbh.uu.se