



Atsuko Kawano

Faculty of Medicine

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Theme

- Midwifery and Women's Health Nursing

Keyword Stress biomarker, Antenatal depression, Paternal mental health, Mother-infant interaction

Highlight

Major Scientific Interests of the Group

- 1) Maternal and Infant Health Care
- 2) Women's Health and Stress
- 3) Development of Health Education System for Adolescents
- 4) Maternal Child Care Policy and Survey on Child-Care Environment
- 5) Prenatal Nursing

Study Programs for Short Stay Students (one week – one trimester)

- 1) Critique and discussion on midwifery and women's health nursing papers and research

Other Faculty Members

Assistant Professor Yuki Kanazawa:

Projects for Regular Students in Doctoral or Master's Programs

- 1) Women's Stress in Maternal Period and after Birth
- 2) Postpartum depression is relationship to neurotransmitter
- 3) Maternal health management
- 4) Mother role Acquisition

Applications and Prospects

- 次世代をになう若い人々が安心して妊娠・出産できる環境であることは、どんな社会においても非常に重要な要素であり、現代日本のような少子高齢化社会であれば、その重要性に疑いの余地はないでしょう。当研究室では生まれてくる子どもが誰からも愛され健やかに成長できる環境をつくることを目指し、女性やその家族の健康課題やその支援方法の解明について多角的に取り組んでいます。

Literature, intellectual property, work

- Kawano A. The Influence of Sleep Status on Urinary Adrenaline, Noradrenaline, and Cortisol Levels in Women. *Journal of Women's Health Care*.7(2), 2018
- Kawano A., Emori Y. The relationship between maternal postpartum psychological state and breast milk secretory IgA levels. *Journal of the American Psychiatric Nurses Association*.21(1), p23-30, 2015
- Kawano A., Emori Y. Changes in maternal secretory immunoglobulin A (SIgA) levels in human milk during 12 weeks after parturition. *American Journal of Human Biology*.25(3), p399-403, 2013
- Kawano A., Emori Y. Association Between Stress-Related Substances in Saliva and Immune Substances in Breast Milk in Puerperae. *Biological Research for Nursing*. 10(4), 350-355, 2009