

【Abstract of 2008 Grant – in – Aid for Scientific Research on Innovative Areas  
(Research in a proposed research area)】

<b>Title of project</b>	Regulatory Mechanism of Gamete Stem Cells
<b>Head Investigator Name</b>	Shosei Yoshida
<b>Abstract of Research Project</b>	<p>Gametes (eggs and sperms) link life between generations. Living animals produce appropriate numbers of gametes at appropriate timings within their own life cycles. Gamete stem cells, which undergo balanced self-renewal and differentiation in the specialized niche region, play central roles in the regulated gamete production.</p>
<b>Term of Project: 2008–2012</b>	<p>With a wide variety of animal species, this research project aims to uncover the basic composition of the gamete stem cell-niche system, as well as its regulation related to the unique ways of gamete production. The results will also lead to application in a variety of research area such as medical, fishery, and zootechnical sciences.</p>