Cellular Physiological Chemistry

1. Staffs and Students (April, 2010)
   Professor Ikuo Morita
   Associate Professor Ken-ichi Nakahama
   Junior Associate Professor Hiroshi Fujita, Takako Hase, Mayumi Abe
   Assistant Professor Kotaro Kato
   Tokuninn Assistant Professor (GCOE)    Olga Safronava
   Tokuninn Assistant Professor Masako Akiyama
   Graduate Student Yoko Aoi, Praween Wayakanon, Takeshi Watanabe.
   Research Student Jizhong Yuan, Atsuko Taki, Noriko Sudo, Taro Koshiishi, Li Xiang Lan
   Associate Professor (Nano Medicine DNP) Motohiro Komaki
   Assistant Professor (Nano Medicine DNP) Kengo Iwasaki
   Research Student (Nano Medicine DNP) Yasuyuki Kimura

2. Purpose of Education
   For undergraduate students. We have some classes in biological chemistry for the third grader. In these classes, the students should understand basic biochemistry and physiology under healthy/diseased conditions.
   For graduate students. These students can choose the one of themes in our lab. These students are expected to solve the problems by themselves. However, appropriate suggestions will be given by at least three supervisors whenever you want.

3. Research Subjects
   1. Regulatory mechanism of angiogenesis and application to regenerative medicine
   2. Bone remodeling and cell communication
   3. Inflammation under hypoxic conditions (epigenetic control of gene expression)
   4. Life of gap junction

4. Publications
   Original Article
   5. Yoshida T, Sato Y, Morita I, Abe M. Pigpen, a nuclear coiled body component protein, is involved in angiogenesis. Cancer Sci, 2010