Invitation for Ph.D. Graduated Students and Research Fellows
- Biomedical Imaging & Engineering Laboratory (BIEL.)
in Chonnam National University (CNU)

The biomedical imaging and engineering laboratory (BIEL.) in CNU looks for talented and motivated PhD graduated students and scientists to lead the development of breakthrough biomedical imaging technologies. The positions are supported by several recently awarded Korean grants from national research foundation (NRF) and Korea health industry development institute (KHIDI), which provide cutting-edge research and an excellent platform for international cooperation in a wide range of biomedical fields.

Job Description
Depending on your educational background and willingness to learn new areas, your research may involve:

- Development of the novel high-fast photoacoustic imaging system and signal processing techniques
- Design and fabrication of the multiscale & multimodal optical imaging system; optical coherence tomography, florescence imaging, photoacoustic microscopy
- Development of endoscopic technique for precise theranostics (diagnosis + therapy) in colon cancer
- Development of X-ray induced acoustic imaging technique and redefining of radiation expose factors

Your Quantification

- Experience in bioengineering, electrical engineering, mechanics, biology, biophysics or related fields.
- Priority to candidates who are motivated to develop and experiment with new biomedical imaging techniques and animal studies.
- Knowledge and practical experience with one or more from: bio imaging techniques (ultrasound, optical imaging, etc), microscopy, in-vivo animal experimentation, system programming
- Analytical skills and experience with Matlab- or C-based data processing and analysis
- Excellent command of English, self-motivation, goal-oriented attitude

Our Offer

- Working in well-established research institution with international, multi-disciplinary, highly innovative, well-equipped and scientifically stimulating environment
- Further training, career development and exchange opportunities
- Competitive salary according to Korea research guild line, increasing with experience and seniority

Contact
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