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ARTIGOS DA PROVA DA CHAMADA DE SELEÇÃO PÚBLICA de Candidatos ao Programa de Pós-Graduação *stricto sensu* em Biologia Celular e Molecular em nível Mestrado – 2018A

(disponíveis no link <http://www.periodicos.capes.gov.br> e/ou nos links abaixo e/ ou podem ser solicitados por email para posgbcm@ioc.fiocruz.br)

• **ARTIGO 1 BIOLOGIA CELULAR**

Guo-Qing Du; Zheng-Bo Shao; Jie Wu; Wen-Juan Yin; Shu-Hong Li; Jun Wu; Richard D. Weisel; Jia-Wei Tian; Ren-Ke Li. **Targeted myocardial delivery of GDF11 gene rejuvenates the aged mouse heart and enhances myocardial regeneration after ischemia–reperfusion injury.** *Basic Res Cardiol* (2017) 112:7
DOI 10.1007/s00395-016-0593-y

Disponível no link:

<https://link.springer.com/article/10.1007/s00395-016-0593-y>

• **ARTIGO 2 BIOLOGIA MOLECULAR**

Kunwoo Lee; Michael Conboy; Hyo Min Park; Fuguo Jiang; Hyun Jin Kim; Mark A. Dewitt; Vanessa A. Mackley; Kevin Chang; Anirudh Rao; Colin Skinner; Tamanna Shobha; Melod Mehdipour; Hui Liu; Wen-chin Huang; Freeman Lan; Nicolas L. Bray; Song Li; Jacob E. Corn; Kazunori Kataoka; Jennifer A. Doudna; Irina Conboy; Niren Murthy. **Nanoparticle delivery of Cas9 ribonucleoprotein and donor DNA in vivo induces homology-directed DNA repair.** *Nature Biomedical Engineering* (2017) 1
DOI: 10.1038/s41551-017-0137-2

Disponível no link:

<https://www.nature.com/articles/s41551-017-0137-2>

• **ARTIGO 3 FARMACOLOGIA**

Benjamin M. Ford, Lirit N. Franks, Sherrica Tai, William E. Fantegrossi, Edward L. Stahl, Michael D. Berquist, Christian V. Cabanlong, Catheryn D. Wilson, Narsimha R. Penthala, Peter A. Crooks, Paul L. Prather. **Characterization of structurally novel G protein biased CB1 agonists: Implications for drug development.** *Pharmacological Research* 125 (2017) 161–177

Disponível no link:

<http://dx.doi.org/10.1016/j.phrs.2017.08.008>

• **ARTIGO 4 IMUNOLOGIA**

Yang Jiao; Zhigang Li; Patricia A. Loughran; Erica K. Fan; Melanie J. Scott; Yuehua Li; Timothy R. Billiar; Mark A. Wilson; Xueyin Shi; Jie Fan. **Macrophage-derived exosomes promote neutrophil necroptosis following hemorrhagic shock.** *Journal of Leukocyte Biology* (2017) 102:1

DOI: 0.1189/jlb.3HI0517-173R

Disponível no link:

<http://www.jleukbio.org/content/early/2017/08/10/jlb.3HI0517-173R.long>