Spring International Conference on Biomedical Engineering and Biotechnology (BEB-S 2015)

Held at the Spring World Congress on Engineering and Technology (SCET 2015) Journal of Biosciences and Medicines Volume 3, Number 4

Beijing, China 14 – 16 April 2015

ISBN: 978-1-5108-1114-0

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright[©] (2015) by the Scientific Research Publishing Inc. All rights reserved.

Printed by Curran Associates, Inc. (2016)

For permission requests, please contact the Scientific Research Publishing Inc. at the address below.

Scientific Research Publishing Inc. P.O. Box 54821 Irvine, CA 92619-4821

Phone: (408) 329-4591

bookorder@scirp.org

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA Phone: 845-758-0400 Fax: 845-758-2634 Email: curran@proceedings.com Web: www.proceedings.com

TABLE OF CONTENTS

Effects of Hip Arthroplasties on Bone Adaptation in Lower Limbs: A Computational Study	1
Abdul Halim Abdullah, Mitsugu Todo	
Ionization Chamber Dosimetry for Conventional and Laser-Driven Clinical Hadron Beams	8
F. Scarlat, A. Scarisoreanu, E. Badita, C. Vancea, I. Calina, Fl. Scarlat, N. Verga	
Design and Implementation of Long-Term Single-Lead ECG Monitor	
Meng Shen, Shijing Xue	
Author Index	