

Article

Structure and Properties of Biodegradable PLLA/ZnO Composite Membrane Produced via Electrospinning

Daria A. Goncharova ^{1,*}, Evgeny N. Bolbasov ², Anna L. Nemoykina ³, Ali A. Aljulaih ^{4,5},
Tamara S. Tverdokhlebova ², Sergei A. Kulinich ^{4,6,7,*} and Valery A. Svetlichnyi ¹

¹ Laboratory of Advanced Materials and Technology, Tomsk State University, Tomsk 634050, Russia; v_svetlichnyi@bk.ru

² Laboratory of Hybrid Plasma Systems, National Research Tomsk Polytechnic University, Tomsk 634050, Russia; ebolbasov@gmail.com (E.N.B.); aramat_tts@mail.ru (T.S.T.)

³ Laboratory of Biopolymers and Biotechnology, Tomsk State University, Tomsk 634050, Russia; nemoykina@rambler.ru

⁴ Department of Mechanical Engineering, Tokai University, Hiratsuka, Kanagawa 259-1259, Japan

⁵ Division of Physical Science and Engineering, King Abdullah University of Science and Technology (KAUST), Thuwal 23955-6900, Saudi Arabia; ali.julaih@kaust.edu.sa

⁶ Research Institute of Science and Technology, Tokai University, Hiratsuka, Kanagawa 259-1259, Japan

⁷ School of Natural Sciences, Far Eastern Federal University, Vladivostok 690091, Russia

* Correspondence: dg_va@list.ru (D.A.G.); skulinich@tokai-u.jp (S.A.K.)

Figure S1. SEM images and corresponding EDX maps of carbon (C K α 1), zinc (Zn K α 1) and oxygen (O K α 1) obtained for the samples.

