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Ref: SDPL_INSC_2021_11

Date: 20/11/2021

Re: LETTER OF BOOK CHAPTER ACCEPTANCE

Dear: Dr. Vijay Sharma

On behalf of the Editors Book entitled “**Human Anatomy Physiology-I**” We are happy to inform you that your Chapter [**Integumentary System; Skeletal System: Joints**] has been accepted and included for publication which will be ready by the end of December-2021 with **ISBN: 987-1-68576-094-6** within Terms and Conditions accepted by the editors.

Thank you very much for your valuable contribution

Yours Sincerely

InSc Publication House (IPH)
Bangalore [India]

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Registrar
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Moradabad.

Human Anatomy & Physiology-I

**"Based on Syllabus Prescribed By
Pharmacy Council of India, B. Pharm, Semester I"**

First Edition

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Unit- 2

Integumentary System; Skeletal System; Joints

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2.1. Integumentary System

Introduction

Skin is the largest organ of the human body. It is an impressive and vital organ. It is a fleshy surface with hair, nerves, glands and nails. It consists of hair follicles which anchor hair strands into the skin. It acts as a barrier between outside and inside environment. The skin has different thicknesses and textures. E.g. the skin under the eyes is as thin as paper but is thick at the soles of the feet and palm. The skin acquires an area of 20 square feet on our body surface.

It protects us from external elements, regulates the body temperature by releasing water in the form of sweat, and allows sensations such as touch, heat, and cold. It also guards the bones, muscles and other vital organs of our body.

Structure of Skin

It provides a protective covering throughout our body and acts as the body's initial barrier against external harmful substances or foreign particles. The hair is made up of a protein called keratin, and the same protein is found in hooves, horns, claws and nails of other animals too.