

## Resume

### **TUSHAR PRATAPRAO PATIL PRATAPRAO**

9665324509 / 222366 / 7499765418 / 9426496469

tushar36912@gmail.com

17/04/1981

KRUSHNRAO APARTMENT, VIDYUT COLONY, PLOT NO. 45, FLAT NO.  
04, JALGAON, JALGAON, MAHARASHTRA, INDIA, 2586

Male



### **Introduction**

---

MY, SELF MR. TUSHAR PRATAPRAO PATIL HAS BEEN WORKING AS ASSOCIATE PROF. IN PHARMACOLOGY DEPARTMENT , MY JOINING DATE IS 15 JUNE 2005, I HAVE NEAR ABOUT 18.5 YEARS OF EXPERIENCE.

### **Current Professional Information**

---

Position : Associate Professor  
Department : Associate Professor  
College : Smt. Sharadchandrika Suresh Patil College of Pharmacy , Chopda ,  
Dist. Jalgaon  
University : KBCNMU, jALGAON  
Joining Date : 15/06/2005  
Subjects : HUMAN aNATOMY & pHYSIOLOGY I & II, PATHOPHYSIOLOGY,  
PHARMACOLOGY, PHARMACOLOGY-II, PHARMACOLOGY-III,  
PHARMACOLOGY-IV  
Address : VIDYUT COLONY, KRUSHNARAO APARTMRNT , PLIOT NO45 ,  
FLAT NO. 04, JALGAON, JALGAON, JALGAON, MAHARASHTRA,  
INDIA, 2586  
Contact No. : 02586222366 / 7499765418 / 9665324509

### **Professional Expeirance**

---

#### **1) KBCNMU**

Position : ASSOCIATE PROFESSOR  
Department : PHARMACOLOGY  
University : KBCNMU  
Joining Date : 15/06/2015  
Till Date : 08/06/2023  
Subject : HUMAN ANATOMY & PHYSIOLOGY I&II, PATHOPHYSIOLOGY,  
PHARMACOLOGY  
Brief Profile Details : MY SELF MR. T.P.PATIL. I AM WORKING AS A ASSOCIATE PROF.  
IN PHARMACOLOGY DEPT.  
Address : YAWAL ROAD CHOPDA, TAL CHOPDA, AT POST CHOPDA, DIST.  
JALGAON, MAHARASHTRA, India, 2586  
Contact No. : 02586222366 / 7499765418 / 9665324509

### **Social Media and EMail Accounts**

---

Primary Email ID : tushar36912@gmail.com  
Secondary Email ID : N.A.  
Facebook : N.A.  
Twitter : N.A.  
Instagram : N.A.  
MSDN/Microsoft : N.A.  
MSDN/Microsoft : N.A.

YouTube Channel : N.A.

## **Publication Information**

---

### **1) 72nd Indian Pharmaceutical Congress(international)**

Start Date : 20/12/2023 End Date : 22/01/2023

Topic : Antioxidant Activity of Cauliflower (Brassica oleracea L.)

Co-Authors : NA

Souvenir : NA

Brief Description : Abstract: Recently, a number of studies on the health benefits associated with fruits, vegetables, herbs and spices demonstrated that they possess potent antioxidant, anti-inflammatory, anti-mutagenic, and anti-carcinogenic activity. The potential antioxidant activity of water and ethanol extracts of cauliflower (Brassica oleracea L.) were investigated to evaluate their potential value as a natural ingredient for foods or cosmetic application. In this study antioxidant activity was measured by 2,2'-azino-bis(3-ethylbenzthiazoline-6-sulfonic acid) (ABTS) radical scavenging, 1,1-diphenyl-2-picryl-hydrazyl free radical (DPPH•) scavenging, N,N-dimethyl-p-phenylenediamine dihydrochloride (DMPD) radical scavenging, superoxide anion (O<sub>2</sub>•<sup>-</sup>) radical scavenging, total antioxidant activity, reducing activity using Fe<sup>+3</sup>-Fe<sup>+2</sup> transformation and CUPRAC assays, hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) scavenging, and ferrous metal chelating activity assays. The water extract of cauliflower (WEC) and ethanol extract of cauliflower (EEC), as antioxidants, neutralized the activity of radicals and inhibited the peroxidation reactions of linoleic acid emulsion. Total antioxidant activity was measured according to the ferric thiocyanate method. -Tocopherol and trolox, a water-soluble analogue of tocopherol, were used as the reference antioxidant compounds. WEC and EEC showed 88.6% and 80.1% inhibition of lipid peroxidation of linoleic acid emulsion, respectively, at the concentration of 30 µg ml<sup>-1</sup>. On the other hand, at the same concentration, the standard antioxidants -tocopherol and trolox exhibited 68.1.4% and 81.3% inhibition of peroxidation of linoleic acid emulsion, respectively. In addition, WEC and EEC had effective DPPH•, ABTS•+, DMPD•+, and superoxide anion radical scavenging, hydrogen peroxide scavenging, total reducing power, and metal chelating of ferrous ion activity. Also, those various antioxidant activities were compared to -tocopherol and trolox as references antioxidants. Key Words: Cauliflower, Brassica oleracea; antioxidant activity, radical scavenging

Address : Venue: Rashtrasant Tukadoji Maharaj Nagpur University Campus, Amravati Road, Nagpur-440033, NAGPUR, NAGPUR, MAHARASHTRA, India

### **2) 72nd Indian Pharmaceutical Congress(international)**

Start Date : 20/12/2023 End Date : 22/01/2023

Topic : Antioxidant Activity of Cauliflower (Brassica oleracea L.)

Co-Authors : NA

Souvenir : NA

**Brief Description :** Abstract: Recently, a number of studies on the health benefits associated with fruits, vegetables, herbs and spices demonstrated that they possess potent antioxidant, anti-inflammatory, anti-mutagenic, and anti-carcinogenic activity. The potential antioxidant activity of water and ethanol extracts of cauliflower (*Brassica oleracea* L.) were investigated to evaluate their potential value as a natural ingredient for foods or cosmetic application. In this study antioxidant activity was measured by 2,2'-azino-bis(3-ethylbenzthiazoline-6-sulfonic acid) (ABTS) radical scavenging, 1,1-diphenyl-2-picryl-hydrazyl free radical (DPPH•) scavenging, N,N-dimethyl-p-phenylenediamine dihydrochloride (DMPD) radical scavenging, superoxide anion (O<sub>2</sub>•-) radical scavenging, total antioxidant activity, reducing activity using Fe<sup>+3</sup>-Fe<sup>+2</sup> transformation and CUPRAC assays, hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) scavenging, and ferrous metal chelating activity assays. The water extract of cauliflower (WEC) and ethanol extract of cauliflower (EEC), as antioxidants, neutralized the activity of radicals and inhibited the peroxidation reactions of linoleic acid emulsion. Total antioxidant activity was measured according to the ferric thiocyanate method. -Tocopherol and trolox, a water-soluble analogue of tocopherol, were used as the reference antioxidant compounds. WEC and EEC showed 88.6% and 80.1% inhibition of lipid peroxidation of linoleic acid emulsion, respectively, at the concentration of 30 µg ml<sup>-1</sup>. On the other hand, at the same concentration, the standard antioxidants -tocopherol and trolox exhibited 68.1.4% and 81.3% inhibition of peroxidation of linoleic acid emulsion, respectively. In addition, WEC and EEC had effective DPPH•, ABTS•+, DMPD•+, and superoxide anion radical scavenging, hydrogen peroxide scavenging, total reducing power, and metal chelating of ferrous ion activity. Also, those various antioxidant activities were compared to -tocopherol and trolox as references antioxidants. Key Words: Cauliflower, *Brassica oleracea*; antioxidant activity, radical scavenging

**Address :** Venue: Rashtrasant Tukadoji Maharaj Nagpur University Campus, Amravati Road, Nagpur-440033, NAGPUR, NAGPUR, MAHARASHTRA, India

### **Training Information**

---

#### **1) INTELLECTUAL INTERACTIVE PANEL BOARD**

**Organization :** SMT.S.SPATIL COLLGE OF PHARMACY, CHOPDA  
**Description :** INTELLECTUAL INTERACTIVE PANEL BOARD IS VERY MUCH USEFUL AS FAR AS MODERN TEACHING TECHNIQUES, SO FAR WE ARE TEACHING BY USING THAT PANEL  
**Duration :** ONE DAY  
**Location :** CHOPDA  
**Date :** 10/01/2023

### **Other Activity**

---

#### **1) 72nd Indian Pharmaceutical Congress**

**Description :** Scientific Services Committee  
Indian Pharmaceutical Congress Association  
72nd Indian Pharmaceutical Congress  
20th to 22nd January 2023  
Theme: Access to Quality and Affordable Medical Products  
Venue: Rashtrasant Tukadoji Maharaj Nagpur University Campus, Amravati Road, Nagpur-440033  
**Location :** NAGPUR  
**Date :** 20/01/2023

