

# Pharmaceutical Sciences

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## Department Information

- **Department Chair:**  
Jagdish Singh, Ph.D.
- **Department Location:**  
136 Sudro Hall
- **Department Phone:**  
(701) 231-7661
- **Department Web Site:**  
[www.ndsu.edu/pharmacy](http://www.ndsu.edu/pharmacy) (<http://www.ndsu.edu/pharmacy/>)
- **Application Deadline:**  
March 15 for fall semester and October 1 for spring semester, if positions are available.
- **Credential Offered:**  
Ph.D.
- **Test Requirement:**  
GRE (300 or more)
- **English Proficiency Requirements:**  
TOEFL ibT 90; IELTS 6.5; Duolingo 115

### **Ang Guo, Ph.D.**

Shanghai Institute for Biological Sciences, Chinese Academy of Sciences in 2010

Postdoctoral: University of Iowa 2015

Research Assistant Professor 2019

Research Interests: Cardiovascular Pharmacology and Pathophysiology

### **Yagna Jarajapu, M.Pharm., Ph.D.**

University of Strathclyde, 1998

Glasgow Caledonian University, 2002

Postdoctoral: University of Florida and Wake Forest University 2003-2008

Research Interests: ACE2/Angiotensin-(1-7) and Bone Marrow Progenitor Cells in Diabetes

### **Buddhadev Layek, Ph.D.**

North Dakota State University, 2014

Postdoctoral: University of Minnesota 2017

Researcher 5, University of Minnesota, 2020

Research Interests: Pharmacokinetic, toxicokinetic, and metabolic profiling of small molecule drug candidates and biologics

### **Estelle Leclerc, Ph.D.**

University Paris XI, 1994

Postdoctoral: ETH-Zurich, 1994-1998; The Scripps Research Institute, 1998-2003

Junior Group Leader Children's Hospital Zurich, 2004

Research Assistant Professor Florida Atlantic University, 2005-2009

Research Interests: Biopharmaceutics

### **Sanku Mallik, Ph.D.**

Case Western Reserve University, 1992

Postdoctoral: California Institute of Technology, 1993-95

Research Interests: Synthetic medicinal chemistry

### **Sijo Mathew, Ph.D.**

Central Food Technological Research Institute, Mysore, India, 2006

Postdoctoral: University of Tennessee, 2008 and Vanderbilt University Medical Center, 2012

Research Interests: Kidney disease, pancreatic Cancer, Biopharmaceutics

### **Stephen T. O'Rourke, Ph.D.**

University of Wisconsin, 1985

Postdoctoral: Mayo Clinic and Foundation, 1985-87

Research Interests: Vascular Pharmacology

**Jagdish Singh, Ph.D.**

Banaras Hindu University, 1982

Postdoctoral: University of Otago, New Zealand, 1985-88; University of California–San Francisco, 1992-94

Research Interests: Novel Dosage and Drug Delivery Systems, Biopharmaceutics

**Kristine Steffen, Pharm.D., Ph.D.**

North Dakota State University, 2002

North Dakota State University, 2007

Postdoctoral: Neuropsychiatric Research Institute, 2007-2009

Research Interests: Pharmacokinetics, Bariatric Surgery, Eating Disorder and Obesity Pharmacotherapy

**Chengwen Sun, M.D., Ph.D.**

Norman Bethune University of Medical Sciences, 1988

Norman Bethune University of Medical Sciences, 1996

Postdoctoral: Department of Physiology, Medical College of Wisconsin, 1996-2000

Research Interests: Central Blood Pressure Control and Hypertension Gene Therapy

**Sathish Venkatachalem, Ph.D.**

University of Madras, 2003

Postdoctoral: University of Western Ontario, 2004-2006

Research Interests: Human Lung Diseases (Asthma, Chronic Obstructive Pulmonary Disease and Pulmonary Hypertension)

**Stefan Vetter, Ph.D.**

Swiss Institute of Technology (ETH) Zurich, 1998

Postdoctoral: The Scripps Research Institute, 2000-2005

Research Interest: Medicinal Protein Biochemistry