

# Sudhir Kumar

Biodesign Institute • Arizona State University • 727 East Tyler Street #BDA 240 • Tempe, Arizona 85287-5301, USA s.kumar@asu.edu

## People

## Publications



[Resume](#)

### Assistant

[Omy Keyes](#)

### Manager

[Kristi Garboushian](#)

### Web Admin

[Wayne Parkhurst](#)

## Sudhir Kumar

Ph.D. (Genetics), M.S. (Biological Sciences), B.Engg. (Electrical & Electronics)

Director, [Center for Evolutionary Functional Genomics](#), [Biodesign Institute](#)  
Professor, [School of Life Sciences](#), [College of Liberal Arts and Sciences](#)

## Web Resources from the Lab

## Website

MEGA: Molecular Evolutionary Genetics Analysis

[www.megasoftware.net](http://www.megasoftware.net)

FlyExpress: *Drosophila melanogaster* Expression Pattern Search Engine

[www.flyexpress.net](http://www.flyexpress.net)

TimeTree: A Public Knowledge-Base of Divergence Times Among Organisms

[www.timetree.org](http://www.timetree.org)

GRASP: Genomic Resource Access for Stoichioproteomics

[www.graspdb.net](http://www.graspdb.net)

## Courses Taught

Organic Evolution, Introduction to Comparative Genomics, Statistical Methods in Evolutionary Genetics

## Lab Members

### Postdoctoral and Graduate Research Associates

Name	Education
<a href="#">Alan Filipski</a>	Ph.D. (Computer Science), M.S. (Computer Science), B.S. (Math)
<a href="#">Claudia Acquisti</a>	Ph.D. (Complex Systems), M.S. (Molecular Biology), B.S. (Biology & Applied Bioinformatics)
<a href="#">Fabia Battistuzzi</a>	Ph.D. (Biology & Astrobiology), B.S. (Biological Sciences)
<a href="#">Antonio Marco</a>	Ph.D. (Genetics), M.S. (Molecular & Evolutionary Genetics), B.S. (Biological Sciences)
<a href="#">Charlotte Konikoff</a>	Ph.D. candidate (Molecular & Cell Biology), B.S. (Biotechnology)
<a href="#">Siddarth Selvaraj</a>	M.S. candidate (Computational Biosciences), B.S. (Industrial Biotechnology)

### Undergraduate Associates

[Nicholas Peterson](#) (MEGA), [Daniel Peterson](#) (MEGA), [Bryan Sexton](#) (FlyExpress), [Michael Suleski](#) (Disease Mutations), [Rachel Sipes](#) (FlyExpress), [Kim Kukurba](#) (Hidden Proteome)

### Research Technologists

Name	Position
<a href="#">Bernard Van Emden</a>	Senior Research Technologist (FlyExpress, GRASP)
<a href="#">Lin-Wei Wu</a>	Scientific Programmer (MEGA, TimeTree)
<a href="#">Kailah Davis</a>	Associate Research Technologist (FlyExpress)
<a href="#">Jana McAlpin</a>	Application Programmer (MEGA)
<a href="#">Revak Raj Tyagi</a>	Graduate Assistant (TimeTree)
<a href="#">Ashini Bolia</a>	Research Technologist (MEGA)
<a href="#">Adithya Rajan</a>	Research Technologist (FlyExpress)

### Previous Lab Members

**Postdoctoral Research Associates**

Robert Friedman (2002), Sudhindra Gadakar (1998-2002), Priscilla (Cindy) Greenwood (2003-2004), Christine Kuslich, Mark Miller (2000-2001), Araxi Urrutia Obadachian (2004-2005), Anup Som (2005-2007), Sankar Subramanian (2000-2005)

**Graduate Research Assistants**

Cliff Bevers (1999), Sandhya Durvasula (2002-2003), Madhusudhana Gargasha (2002-2006), Charu Gaur (2003-2004), Rajalakshmi Gurunathan (2001-2006), Rekha Iyer (1999-2002), Karthik Jayaraman (1999-2001), Patrick Kolb (2000-2003), Bindu Koshy (2004-2006), Ho Joon Lee (2003-2005), Xiaofen Liu (2004-2006), Chandra Mitnik (1998-1999), Sai Moturu (2003-2006), Balaji Ramanujam (2002-2003), Hector Ramos (2004-2006), Stephanie Rogers (2004-2006), Vinod Swarna (2003-2007), Jian Yang (2002-2005)

**Research Technologists**

Vesna Djinovic (2005-2006), Joel Dudley (2003-2006), Sean Dudley (2005-2006), Renee Grothe (2002-2004), Quan Nguyen (2003-2006), David P. Schwartz (2000-2004), Ben Timmerick (2001-2002), Graziela Valente (1999-2007), Melinda Caballero (2008), Christopher Busick (2006-2008), Ashly Ruttman (2005-2008)