

# T H E F I R S T G I F T <sup>SM</sup>

*Dedicated to all who participate in cord blood collection.*



**St. Louis Cord Blood Bank**

SSM Cardinal Glennon Children's Medical Center  
St. Louis University Department of Pediatrics

*The First Gift* <sup>SM</sup>

F A L L 2 0 0 9

## What's an iPS Cell?

Lately the news has carried stories about making human stem cells from skin, fat (hey, I'd like to make a donation), eye, blood vessels, and lots more. These stem cells are then grown into tissues and, one day, organs. It seems there isn't much we can't do—in the future.



The starting point is mature or differentiated cells, then reversing their differentiation all the way back to the stem cells from which they came. To keep from confusing them with true stem cells, those amazing immortal cells from which we are all made, scientists have applied the term iPS Cells, or induced pluripotential stem cells.

That fancy jargon means that some mystical soup of genetic material, growth factors, and other body chemicals is added to a culture growing mature cells, getting them (inducing them) to reverse the process by which they came from a tiny free-floating ball of stem cells called a blastocyst. They have all, or nearly all, of the markers that “real” stem cells have, and like real stem cells, can grow into almost any of the cells of which our bodies are composed, but to do this, more magic chemical soup is needed.

This is exciting. It means that we could theoretically grow human blood cells such as white blood cells to fight disease. We could grow a tissue such as skin or spinal cord tissue to treat massive burns or brain injury. We could grow organs such as a kidney for patients with kidney failure. And we probably will, but it will take some time.

As exciting as these developments are, they are years or even decades from our present state of the art. It will depend of how quickly we can make iPS cells and their differentiated progeny without risk to the recipient. Currently, we need to inset new genetic material into the cord blood cell and the iPS cell, and that is probably too risky. IF we can do it with human proteins and growth factors alone, the risk would probably be minimal.

Also important in this research is the fact that an adult's skin cells, could be scraped, de-differentiated to iPS cells, and then used to treat illness, eliminating the need for private cord blood banks!

I've practiced medicine for 45 years, and while I'd dreamed of seeing this kind of technology, now I can only dream of living long enough to see it become reality.

A handwritten signature in blue ink that reads "William V. Miller MD". The signature is fluid and cursive.

William V Miller, MD  
Medical Director



## What Have You Done for Your Country Lately? Quite A Lot, Actually.

**Jennifer Sander, MA, Data Management and Search Specialist**

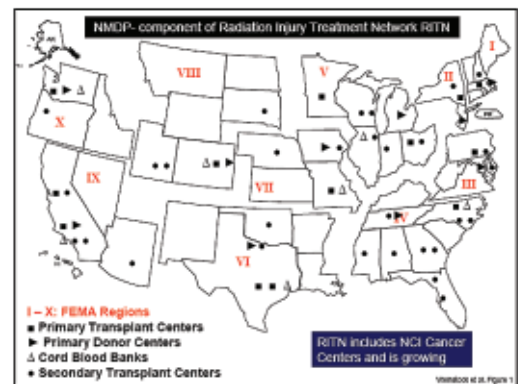
**Y**ou may be comfortable in the knowledge that the cord blood you collect saves the lives of people with leukemia, lymphoma, and many other diseases. However, your contributions go even further. They play an important role in our national security efforts.

The St. Louis Cord Blood Bank (SLCBB) is part of the Radiation Injury Treatment Network® (RITN) which is part of the United States' radiological emergency response plan. In the case of a marrow toxic event, the cord blood that you collect, could be used as a transplant option for the affected population. Since cord blood units are readily available in liquid nitrogen freezers, mobilization of these products can occur more rapidly as compared to bone marrow and peripheral blood which must be harvested from adult donors.

As the RITN coordinator, I am responsible for coordinating several tasks throughout the year. These include staff training, maintenance and review of our contingency plan, and organizing presentations to members of the health care and emergency management community to create awareness of the RITN purpose and goals.

All employees of the St. Louis Cord Blood Bank have received basic radiation training.

RITN is a cooperative effort of the National Marrow Donor Program® (NMDP) and The American Society for Blood and Marrow Transplantation (ASBMT). The RITN is comprised of 13 primary and 28 secondary transplant centers, 8 donor centers, and 7 cord blood banks spread throughout the country.



## Taking Care of Our Customers—Making the Match

**Kris Wassmer, RN, BSN, Search and Export Coordinator**

**W**hen a cord blood unit is banked, it is also entered in the National Marrow Donor Program (NMDP) Registry and the Caitlin-Raymond International Registry. These are two major registries that may be searched by transplant centers around the world. Transplant coordinators search these two databases every day in an effort to find the best match for their patients. As a result, the units banked by our doctors and nurses have been shipped to 27 different countries in addition to transplant centers in 36 states across the U.S.

Every transplant center is looking for the same thing: the best immune match with the highest number of cells possible for their patient. Generally, they seek cord blood units that provide a cell dose of at least  $3 \times 10^7$ /kg of body weight, when just one cord blood unit is used. Smaller doses may be used when combining dual units. Higher concentrations are that much better because they increase the likelihood that the donor cells will be able to establish themselves in the patient's bone marrow and provide long term hematopoietic production. This is why one of the first things

we check before we process a unit is the total nucleated cell count. We must have at least one billion cells in a 50 mL unit in order to meet the needs of a small pediatric patient.

Often transplant physicians have to make a tradeoff between the Human Leukocyte Antigen (HLA) match and the cell count of a cord blood unit. If they have a perfect HLA match, they may settle for a minimum cell dose. On the other hand, if they have a less-than-perfect HLA match they will want the highest cell count available. Of course, the best scenario is a perfect match with a high cell count.

Cord Blood has become increasingly popular as a stem cell source for "bone marrow" transplant. It has a greater flexibility with regards to match grade. Also, it is readily able to expedite the patient to transplant. Because of these benefits, it has become first choice for many transplant physicians. The St. Louis Cord Blood Bank shipped its 1,000th cord blood unit in 2006, ten years after it began operations. Due to the success of our product, we hope to ship our 2,000th unit in late 2011.

## A Sure Bet for A Good Time and A Good Cause



First place in the A Flight went to Casey O'Brien's team.

The 14th Annual First Gift Golf Tournament had a Las Vegas theme, and featured a raffle for prizes including a trip to Las Vegas. The event took place on October 12th at Meadowbrook Golf Club to benefit the St. Louis Cord Blood Bank. Nearly 150 players

filled the course making this a successful event in spite of the economic downturn.

## Blessing Hospital Honored for Consistent High Quality of Collections

The staff of the Labor and Delivery unit at Blessing Hospital in Quincy, Illinois received an award recently for consistently high performance in all areas of cord blood collection from educating expectant moms to accurate labeling.



Left to right, back row: Amy Evers, Peggy Litt, Nancy Mueller, Laura Goodwin, Rose Bunte, and Amy Schmitt. Left to right, front row: Janeen Wallace and Amanda Grahm.

## A Dozen Years of Contributions from Lisa's Bar and Grill



For the twelfth year, Lisa Durbin of Prairie du Rocher, Illinois held a poker run, auction, and fried chicken dinner on behalf of the St. Louis Cord Blood Bank. This year her contribution was \$6,807.50 bringing

total contributions for the annual event to more than \$50,000. Lisa is part of the Ritter family of Chester, IL, that holds an annual fish fry in memory of their son Anthony. Together, the two events have contributed over \$80,000 in contributions to help save lives. Our sincerest thanks go out to all the Ritter Family and friends.

## SSM St. Clare Health Center Joins Our Cord Blood Program

The newest hospital in the SSM Health Care system is also



the newest hospital to join our cord blood collection program. When SSM St. Joseph's Hospital in Kirkwood closed and SSM St. Clare Health Center opened in April of this year, it was very well received. Cord blood collections at the new hospital are up 12% compared to the old one during the same time frame last year.

## Special Thanks

**To the residents at Barnes-Jewish Hospital and SSM St. Mary's Health Center: Thank you for your contributions to our cord blood collection program. Your efforts are helping to save lives.**

— The St. Louis Cord Blood Bank



Olufunke Abiose  
Mallika Anand  
Sara Anderson  
Hannah Beard  
Teri Benn  
Holly Bolger  
Daniel Czarnecki  
Christina Dothager  
Jennifer Dust  
Mark Fierro  
Katherine Goetzinger  
Jennifer Goldkamp

Julie Goodwin  
Allison Gratzner  
Jessica Groden  
Cherady Hawkins  
John Hoff  
Laura Houston  
Meiling Hua  
Matrika Johnson  
Jessica Kenerson  
Mehri Khatibi  
Karla Kossler  
Lindsay Kuroki

Catherine Laska  
Katherine Lessman  
Laura Luehr  
Colleen McNicholas  
Jessica McPherson  
Laura Meints  
Kristy Morales  
Sara Nicholas  
Shayna Norman  
Elizabeth Nugent  
Jacqueline Ogutha  
Kathleen O'Neill

Kelly Ott  
April Parker  
Jenny Pennycook  
Anna Rabinov  
Janice Reed  
Elena Rhoads  
Margarita Roykman  
Caren Schaecher  
April Schiemenz  
Samantha Schon  
Katherine Scolari  
Anne Seyer

Rupal Shroff  
Reed Skinner  
Kylie Smith  
Amanda Spitalnik  
Sarah Starnes  
Dawn Steiner  
Sahar Stephens  
Molly Stout  
Richard Strathman  
Matthew Weis  
Joy Wheat  
Brooke Winner

## Jessica's Story Round One: Cancer

It was early summer, and eight-year-old Jessica Hahn was playing softball. Watching from the sidelines, her parents noticed she seemed to be limping. However, when they took her to the pediatrician, the doctor couldn't find anything wrong. Regardless, her parents were still worried.



Jessica and her mom when diagnosed with bone cancer.

Later that summer while vacationing, Jessica's friend accidentally kicked her in the leg. The pain was excruciating. Her parents took her to a local clinic where they X-rayed her leg. The doctor urged them to take her to a hospital right away.

Jessica's parents brought her to SSM Cardinal Glennon Children's Medical Center, in St. Louis, where she received another X-ray that showed a tumor on her femur. A biopsy confirmed that it was osteosarcoma, and Jessica started a year-long program of chemotherapy. Meantime, the first of a series of six surgeries began by removing the tumor and 9 inches of her femur and replacing it with donor bone and a support rod. After a year, the chemo was successful.

## Round Two: Myelodysplastic Syndrome

Additional surgeries were performed over the next four years. In the fall of 2000, Jessica was scheduled for a surgery to lengthen her left leg. Her parents had noticed she had unexplained bruising, and then her pre-op blood work showed that her platelet count was low. The operation was postponed and she received infusions of platelets until the end of the year.

In January of 2001, a bone marrow sample was taken and Jessica was diagnosed with Myelodysplastic Syndrome, which was caused by the high doses of chemo. It was also determined that this condition was progressing toward acute myelogenous leukemia and required a stem cell transplant as soon as possible.

None of Jessica's family members was a match, so her doctor suggested that they use cord blood stem cells because they were readily available, whereas bone marrow stem cells were not. Plus, there was a match at the St. Louis Cord Blood Bank which is part of Cardinal Glennon.

Jessica was admitted to the hospital on February 5 where she underwent chemo-ablation of her immune system in preparation for the stem cell transplant. Then, on February 14th, Valentine's Day, Jessica's blood count was zero and the transplant took place.

Except for a mild case of Graft vs. Host Disease, the stem cells engrafted, and Jessica was released from the hospital to finish recuperating at home. Her blood counts continued to improve throughout the summer, and she was back in school in September.

During this past summer, Jessica returned to Cardinal Glennon once again, this time to help others by working at The St. Louis Cord Blood Bank. Now, a senior at Rockhurst University in Kansas City, MO Jessica is happy, healthy, and working toward a degree in biology.



## Bag A Big One – October Winners

Hospital	Date	Volume	Doctor	Nurses
Anderson	10/19/09	135	Christine Midkiff MD	M. Sheldon, J. Kraut, S. Catanzaro
Barnes-Jewish	10/20/09	126	Veronica Cross MD	R. Giesecking
Barnes-Jewish	10/23/09	127	Tammy Shim-Sonn MD	J. Kezraten
Memorial of Belleville	10/23/09	192	Sekou Kelsey MD	C. Moddrecht, A. Schneuler
Memorial of Carbondale	10/5/09	143	Douglas Gates MD	S. Shelton
Memorial of Carbondale	10/16/09	153	Douglas Gates MD	Crystal Tellor
Missouri Baptist	10/22/09	128	John Anstey MD	Jennifer Russo, Dawn Borchardt
Missouri Baptist	10/5/09	167	Scott Biest MD	N. Turner
Missouri Baptist	10/20/09	148	Craig Boyd MD	Dawn Borchardt
Missouri Baptist	10/30/09	143	Jacob Klein MD	Jamie Lyons, Mary Denzler
Missouri Baptist	10/22/09	139	Jerome Sachar MD	Christine Dohegre
St. John's Mercy Medical Center	10/1/09	144	Joe Herrmann MD	
St. John's Mercy Medical Center	10/22/09	126	Richard Kuebel MD	P. Gibson
St. Joseph's HC	10/26/09	139	Igor Brondz MD	Kay Crain, D. Widamann, Tiffany Riffle
St. Joseph's West	10/28/09	142	Delbert Moeller MD	J. Conover
St. Luke's	10/21/09	127	Jeffrey Thompson MD	Anitra Tippet
St. Mary's	10/1/09	159	Yvonne Treece MD	S. Lentz, T. Vogel, T. Ayula

The promotion runs until the end of the year.



That means you still have time to **BAG A BIG ONE and EAT for FREE!**

For more info visit: [slcbb.org/BagABigOne.htm](http://slcbb.org/BagABigOne.htm)

# For the Gifts of Hope and Life

## Honor Roll

The St. Louis Cord Blood Bank recognizes the following individuals who collected 100 units or more in the 12 months between 11/1/08 and 10/31/09. Together they banked 158 cord blood units.

Douglas Gates MD ▶ 233

Joe Herrmann MD ▶ 137

Doug Young MD ▶ 119

Kevin Foster DO ▶ 131

Timothy Philpott MD ▶ 105

The St. Louis Cord Blood Bank gratefully recognizes the following physicians and midwives for the thousands of cord units they have collected during the last twelve months.

### 80 to 99 Units Collected

Nanci Bucy DO  
Gina Dietrich DO  
Fred Durer MD  
Vernon Johnson MD  
Janet Matuszek DO  
Scott Meyer MD  
Rick Miller DO  
Delbert Moeller MD  
Jennifer Smith MD  
Joseph Talsky MD  
Jacqueline Turner MD

### 60 to 79 Units Collected

Michael Benson DO  
Scott Biest MD  
Sara Cannon MD  
James Dalla Riva MD  
Michael Dixon MD  
Anne Doll-Pollard MD  
Pamela Friye MD  
Tina Gingrich MD  
Michael Herrmann MD  
Ada Kagumba MD  
J Hoon Kim MD  
Tim Kisabeth MD  
Laurie Klabi MD  
Claudia Krasnoff MD  
Lora Lindsey MD  
Tanya Mero MD  
Christine Midkiff MD

Jeff Mormol MD  
Mary Oatey DO  
Carlton Pearse MD  
Aaron Pile MD  
Gregory Potts MD  
Jamie Puckett MD  
Angela Reining MD  
Margaret Rempe MD  
Ann Marie Rockamann MD  
Shayla Rose MD  
Kent Snowden MD  
Gigi Streiff MD  
Paul Tapia DO  
Brad Tissier MD  
Frank Walker MD  
David Weinstein MD  
Scott Williams MD  
Deborah Woodard MD

### 40 to 59 Units Collected

Brian Andrews MD  
John Appelbaum MD  
Laura Baalman MD  
Sangeeta Babar MD  
Robert Blaskiewicz MD  
Stephen Boveri MD  
Craig Boyd MD  
Emily Boyd MD  
Kent Branson MD  
Angela Cartwright DO  
Michael Chen MD  
Louis DeGreeff MD

Michael DeRosa MD  
Karyn Fowler MD  
Bonnie Gelly MD  
Todd Glass MD  
Eran Hahn MD  
Hamid Hosseini MD  
Thomas Hulsen MD  
Gregory Jewell MD  
Mark Jostes MD  
Holly Kodner MD  
Deborah Konkol MD  
Richard Kuebel MD  
Paul LaPoint MD  
Jennifer McDonald DO  
Carole McLaughlin MD  
Denise Meckler MD  
Frank Mussemann MD  
Jay Padratzik MD  
Meera Patel MD  
William Pearson MD  
Jerome Sachar MD  
Andrea Sample MD  
Evelyne Schuetz MD  
Sarah Shores DO  
Renee Stein MD  
Pam Sullivan MD  
Dave Super MD  
Jeff Thompson MD  
Yvonne Treece MD  
April Tritto MD  
Karen Voegtle MD  
Daniel Wagner MD  
Gary Wasserman MD  
Catherine Wikoff MD

### 20 to 39 Units Collected

Christopher Ahlering MD  
John Anstey MD  
R. Don Bale MD  
Susan Barr MD  
Daniel Baumann MD  
Frederick Behm MD  
Donald Bishop MD  
James Boedeker MD  
Lawrence Boveri MD  
Jessica Bowers MD  
Igor Brondz MD  
Bruce Bryan MD  
Chad Caudill MD  
William Chadwick MD  
Stacey Clancy MD  
Douglas Combs MD  
Michael Covlin MD  
Misty Day MD  
Nicole Dubas MD  
Lakshmi Dundoo MD  
Justin Durel MD  
Peter Dureska MD  
Darryl Engeljohn MD  
Marsha Fisher MD  
Shanon Forseter MD  
Craig Frayer DO  
Beth Gearhart MD  
Bruce Glover DO  
Gordon Goldman MD  
Brian Gosser MD  
Julie Gould MD  
Penny Gozia MD  
Allison Gratzler MD  
Roseanna Gray-Swain MD  
Mary Grimm MD  
Kenneth Hamai MD  
Hoosna Haque MD  
Robert Haskins MD  
Diana Herrick CNM  
Joseph Hill DO  
William E. Houck MD  
John Hucker MD  
Elisabeth Huelskoetter MD  
Christina Hugge MD  
Laura Hulbert MD  
Ravi Johar MD  
Jeffrey Jones MD  
Sherry Jones MD

Sekou Kelsey MD  
Jacob Klein MD  
Teresa Knight MD  
Christine Ladd MD  
J Daniels Lamping MD  
Donald Lange MD  
Kimberly LeMoine MD  
Edward Levy MD  
Scott Lieberman MD  
Yulia Lifits MD  
Mary Mani MD  
Melissa Marshall MD  
Susan Massey CNM  
Steven Mathus MD  
T. Joseph McCaffrey MD  
Kirsten McDaniel DO  
Daniel McDonald MD  
Daniel McNeive MD  
Ted Mimplitz MD  
Fred Monterubio MD  
Caroline Morgan MD  
Dorothea Mostello MD  
Richard Muckerman MD  
Amanda Mulch MD  
Shafia Munir MD  
Helen Mussemann MD  
Thomas Myles MD  
Oroma Nwanodi MD  
Michael Paul MD  
Diane Petersen MD  
Anne Piche-Radley MD  
Blasé Pignotti MD  
Carolyn Pryor-Luster MD  
Amy Ravin MD  
Jack Ricketts MD  
Chris Rosenquist MD  
Amy Ruggeri MD  
Keith Sanford MD  
Catherine Schneider MD  
Leslie Scott MD  
Mitul Shah MD  
Thomas Shaner MD  
Becky Shelton MD  
Tammy Sonn MD  
Elan Simckes MD  
Patrice Staten MD  
Abbe Sudvarg MD  
Jean Thomas MD  
Michael Thomure MD  
Francis Tsung MD  
Latashia Walker MD

Denise Willers MD  
 Sonja Williams MD  
 Robert Wochner MD  
 Anna Wolaniuk MD  
 Elliot Wool MD  
 Tammy Young CNM

## 1 to 20 Units Collected

Akua Afriyie-Gray MD  
 Nusrat Ahmad MD  
 Danita Akingba MD  
 Beverly Alten MD  
 Erol Amon MD  
 Sara Anderson MD  
 Raul Artal MD  
 Michael Barron MD  
 James Bartelsmeyer MD  
 Margaret Baum MD  
 Robert Becker MD  
 James Belcher MD  
 Teri Benn MD  
 Vaishali Bhalani MD  
 Christy Bleckman MD  
 Jennifer Bobell MD  
 Kia Boxley-Gillespie MD  
 James Brennan MD  
 Richard Brennan MD  
 Robert Brennan MD  
 Robert Brown MD  
 Lavias Burns MD  
 Pamela Campbell DO  
 Adriana Canas-Polesel MD  
 Jeanine Carbonne MD  
 Tina Carney MD  
 Wendi Carns MD  
 Arthur Casey MD  
 Paul Clarke MD  
 Cherese Collins MD  
 Vincente Colon MD  
 Eric Colton MD  
 Veronica Cross MD  
 John Crowe MD  
 Paul Cruz MD  
 Daniel Czarnecki MD  
 David Czarnecki MD  
 Peter Danis MD  
 Tammee Davis DO  
 Jessica Despotovich MD  
 Kate Dewey MD  
 Jason DeWitt MD  
 Mark Edelstein MD  
 Clare Fadden MD

Jessica Fivecoat MD  
 Nastaran Foyouzi MD  
 Charles Freeman MD  
 Elizabeth Garrett MD  
 George Gasser DO  
 David Gearhart MD  
 Katherine Goetzinger MD  
 Kara Goldman MD  
 Margaret Gray-Swain MD  
 John Grechus MD  
 Salina Green MD  
 Jeffrey Greenspoon MD  
 Jessica Groden MD  
 Gilad Gross MD  
 Marjorie Guthrie MD  
 Yoram Hahn MD  
 John Hamilton MD  
 John Hammons MD  
 Thomas Hanley MD  
 Donald Hardbeck MD  
 Lorie Harper MD  
 Kimberly Hartel MD  
 Richard Hartman MD  
 Rebecca Hassler CNM  
 Joseph Hazan MD  
 James Hitchcock DO  
 Grant Hoekzema MD  
 John Hoff MD  
 Taylor Hotchkiss MD  
 Molly Houser MD  
 William Houseworth MD  
 Laura Houston MD  
 David Hua MD  
 Andrea Humphrey MD  
 Dennis Hurford MD  
 James Jablonski MD  
 Saji Jacob MD  
 Jade James MD  
 Michael Jessup MD  
 Matrika Johnson MD  
 Michael Johnson MD  
 Traci Johnson MD  
 Jamie Joyce MD  
 Kimberly Juroviesky CNM  
 Tina Kearney MD  
 Elizabeth Garrett MD  
 Jessica Kennerson MD  
 Chi Kim MD  
 Daniel Kim MD  
 Karla Kossler MD  
 Vijaya Kumari MD  
 Lindsey Kuroki MD

Laura Laue DO  
 Sasha Lazarus MD  
 Shelley Lee DO  
 Cherie LeFevre MD  
 Fanee Lekkas MD  
 Jessica Lemmons MD  
 Paul Lewis MD  
 Beth Lewkowski MD  
 Tammy Lindsay MD  
 Trevor Lineberry MD  
 Marc Luckett MD  
 Laura Luehr MD  
 Melissa Lueking MD  
 Alyssa Lynch DO  
 Carlos Maitz MD  
 Sarah Malone MD  
 Jelriza Mansouri MD  
 Margaret Marcrander MD  
 Sahar Masoudi MD  
 Jonathan Mayer MD  
 Marsha McBride MD  
 Marc McCleary MD  
 Leslie McCloskey MD  
 Donald McKeel MD  
 Leslie McLoskey MD  
 Sara McNicholas MD  
 Jessica McPherson MD  
 Laura Meints MD  
 Luis Mertins MD  
 Nicholas Meyer MD  
 Jennifer Meyers MD  
 Michael Michener MD  
 Thomas Miller MD  
 Sandra Minchow-Proffit MD  
 Themton Mistry MD  
 Laura Moore MD  
 Sue Moore MD  
 Alvaro Mora MD  
 Kristy Morales MD  
 Bruce Morris MD  
 Eric Morton MD  
 Cynthia Mueller MD  
 Nathaniel Murdock MD  
 Kelly Murray CNM  
 Ivan Myers MD  
 Teresa Myers MD  
 Anne Nash MD  
 Michael Nash MD  
 Yvonne Negron MD  
 Donald Nelson MD  
 Michael Nelson MD  
 Valerie Nelson-Mason MD  
 Trung Nguyen MD

Sara Nicholas MD  
 Shayna Norman MD  
 Elizabeth Nugent MD  
 Sylvia Obernuefemann CNM  
 Anthony Odibo MD  
 Jacqueline Ogutha MD  
 Louis Ojascastro MD  
 Chukwuma Okoroji MD  
 Kate O'Neill MD  
 Amondo Ortillo MD  
 John Osborne MD  
 William Ott MD  
 Sridevi Panchamukhi MD  
 Casey Parini MD  
 April Parker MD  
 Laura Parks MD  
 Frank Patrick MD  
 Patricia Paul MD  
 Serin Phruttitum MD  
 Frantz A. Pierre MD  
 Verna Porter MD  
 Jill Powell MD  
 Scot Pringle MD  
 Jacob Pyeatte MD  
 Anya Rabinov MD  
 Jodie Rai MD  
 Roxanne Rampersad MD  
 Jonathan Reed MD  
 Lindsay Reed MD  
 Sara Reynolds MD  
 Elena Rhoads MD  
 Lauren Rice MD  
 Patrick Riley MD  
 Jeffrey Ripperda MD  
 Victor Rivera MD  
 Charles Robacker MD  
 Donna Robey MD  
 Janet Robinson MD  
 Blake Rodgers MD  
 Chinda Rojasasathit MD  
 Margarita Roykhman MD  
 Bridget Rutledge MD  
 Mario Salinas MD  
 Kevin Scharff MD  
 Anita Schnapp MD  
 Samantha Schon MD  
 Rupal Schroff MD  
 Christina Scifres MD  
 Katherine Scolari MD  
 Anthony Shanks MD  
 Donald Shelton MD  
 Rupal Shroff MD

Joseph Shumway MD  
 Jaye Shyken MD  
 Deanna Siemer MD  
 Reed Skinner MD  
 Jodi Smith DO  
 Todd Smith DO  
 William Snidle MD  
 Scott Snyder MD  
 John Sopuch MD  
 Amanda Spitalnik MD  
 David Stamilio MD  
 Ranae Marie Stanton MD  
 Dawn Steiner MD  
 Andrea Stephens MD  
 Molly Stout MD  
 Richard Strathmann MD  
 James Stubbs MD  
 Jack Swanson MD  
 Michael Temporal MD  
 Melissa Tepe MD  
 Bryant Thompson MD  
 Soldrea Thompson MD  
 Soontorn Thrupkaew MD  
 Albro C Tobey MD  
 Joe Toney DO  
 Nicole Treece MD  
 Anthony Truong MD  
 Gladys Tse MD  
 Geoffrey Turner MD  
 Methodius Tuuli MD  
 Ann Behrend Uhls MD  
 Kirsten Vitrikas MD  
 Emanuel Vlastos MD  
 David Walls MD  
 Barbara Walsh MD  
 Donald G. Ward MD  
 Mark Wasserman MD  
 Joy Wayman CNM  
 Ernest Webb MD  
 Gilbert Webb MD  
 Matthew Weis MD  
 Caroline Werner MD  
 Thomas Whalen MD  
 Monica Wheaton CNM  
 Donna White MD  
 Sherry Williams MD  
 Brooke Winner MD  
 Diane Woolard MD  
 Heather Wuebker MD  
 Nastaran Yousefi MD  
 Sandra Zakroff MD  
 Mark Zerbe MD  
 Darryl Zinck MD

# St. Louis Cord Blood Bank

SMM Cardinal Glennon Children's Medical Center  
St. Louis University Department of Pediatrics

*The First Gift™*

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T H E F I R S T G I F T <sup>SM</sup>

