Spring 2009 Competition.

Operating Grants in the Areas of:
1) Blood Utilization and Conservation Research
2) Blood Supply Risk
3) Transfusion Related Acute Lung Injury (TRALI)

Results from the collaborative initiative between Canadian Blood Services, Canadian Institutes of Health Research, and the CIHR Institute of Circulatory and Respiratory Health

Applications were received for these initiatives as part of the March 2009 Operating Grants competition. Applications were peer reviewed by the most appropriate peer review committee of CIHR and were reviewed in competition with all other applications considered by peer review committees.

Five applications were received for consideration for **Transfusion Related Acute Lung Injury (TRALI)** of which one received funding.

Transfusion Related Acute Lung Injury (TRALI)				
Principal Investigator	**Research Institute**	**Title**	**Funding Source**	**Average Annual Operating Amount**
Peter NICKERSON	University of Manitoba	Identification of Pathogenic Antibodies in Canadian cases of Transfusion Related Lung Injury (TRALI)	CBS	$99,970

Twelve applications were received for consideration in the area of **Blood Utilization and Conservation** of which five were approved for funding. Three received full funding from Canadian Blood Services, and two received top-up funds from Canadian Blood Services

Blood Utilization and Conservation				
Principal Investigator	**Research Institute**	**Title**	**Funding Source**	**Average Annual Operating Amount**
Robert BEN	University of Ottawa	Carbohydrate-based Inhibitors of Ice Recrystallization - Applications in Regenerative Therapy.	CBS	$126,450
Ronald KLUGER	University of Toronto	Chemically Altered Hemoglobins as Transfusion Alternatives - Optimizing Nitrite Reductase Activity, Oxygenation, and Structure	CBS	$96,500
Heyu NI	St. Michael's Hospital	Pathogenesis and treatment of immune thrombocytopenia: Are	CIHR	Top-up funding annual

	Toronto	there fundamental differences between anti-GPIba and anti-GPIIbIIIa mediated throm bocytopenia?		average $17,969
John EIKELBOOM	McMaster University	Red Cell Transfusion and In-hospital Mortality: Impact of Age of Red Cells and ABO Blood Group	CIHR	Top-up funding annual average $9,128
Patrick PROVOST	Centre de Rechèrche en Rhumatologie et Immunologie	MicroRNA regulation of gene expression in human platelets	CBS	$143,700

Seven applications were received for consideration in the area of **Blood Supply Risk** of which one received top-up funding from Canadian Blood Services

Blood Supply Risk				
Principal Investigator	**Research Institute**	**Title**	**Funding Source**	**Average Annual Operating Amount**
Nancy HEDDLE	McMaster University	Pathogen Inactivation of the Blood Supply: Exploring stakeholder perceptions of a new technology	CIHR	Top-up funding annual average $8,166