

**OPTN/UNOS Histocompatibility Committee  
Meeting Minutes  
April 10, 2018  
Conference Call**

**Robert Bray, PhD, D(ABHI), Chair  
Cathi Murphey, PhD, HCLD/CC(ABB), Vice Chair**

**Introduction**

The Histocompatibility Committee (Committee) met via Citrix GoToTraining teleconference on 04/10/18 to discuss the following agenda items:

1. Addressing HLA Typing Errors Project Update

The following is a summary of the Committee's discussions.

**1. Addressing HLA Typing Errors Project Update**

Summary of discussion:

The Committee discussed this project at length during their in person meeting in March, but had some outstanding items to review at this meeting. The Committee continued to refine a survey to gather member practices when collecting and reporting HLA data. The Committee provided feedback on questions to ensure clarity for members.

The Committee then reviewed 2017 data (Figure 1) from the discrepancy review done by the Discrepant HLA Typing Subcommittee. Committee members were interested in the average time between rerun match runs for discrepant matches.

**Figure 1: 2017 Discrepancy Data**

Discrepancy	2017				Total	
	Q1	Q2	Q3	Q4		
Sample Integrity Issue		3	0	0	0	3
Typing Errors (Clerical, Technical and Interpretive)						
Bw4/Bw6 Issues		2	0	2	2	6
DRB345 Issues		0	1	3	0	4
DR53 Null Issues		1	1	3	1	6
DPB1 Errors		5	4	2	2	13
Other Typing Errors		6	7	4	9	26
Split vs. Parent						
Cw3		5	10	11	16	42
DR3		0	1	0	0	1
DQ3		0	0	0	3	3
Other		3	4	0	3	10
<b>Total Errors</b>		25	28	25	36	114
<b>Total Donors</b>		2509	2593	2570	2509	10181
<b>Percentages</b>		1.00%	1.08%	0.97%	1.43%	1.12%
<b>Discrepancies</b>		17	13	16	15	61
<b>Match Rerun</b>		9	5	9	9	32
<b>Percentage</b>		52.94%	38.46%	56.25%	60.00%	52.46%
<b>Average Time Between Match Runs</b>		9.8	9.5	9.3	12.5	10.275

Next steps:

The Discrepant HLA Typing Subcommittee will continue to refine the survey. The Committee will also vote on policy language for this project at an upcoming meeting with the goal of sending the proposal out for public comment in August 2018.

**Upcoming Meetings**

- May 8, 2018
- June 5, 2018