



<b>Minutes</b>			
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**Members Present<sup>1</sup>**

Name	Status	Alternate Status	Attendance by Teleconference
Glenn MacDonald, Exe Dir EHS	Member		Yes
Nancy Goodyear, Ph.D.	Member		Yes
<del>Peter Gaines, Ph.D.</del>	<del>Member</del>		<del>Yes</del>
GuiXin He, Ph.D.	Member		Yes
Matthew Gage, Ph.D.	Chair		Yes
Sharon Marsh, MS	Member		Yes
Kelly Winson, CSP, CHMM, TURP	Member		Yes
Thomas Porro, Dir ORI	Member		Yes
Indrayani Waghmare, Ph.D.	Member		Yes

IBC members present by teleconference received all pertinent material before the meeting and were able to actively and equally participate in all discussions.

**Others Present<sup>2</sup>**

Name	Role
John Freeman, MS	BSO/IBC Admin

**Meeting Information**

Total number of regular members on the current IBC roster:	9	Number of members required for quorum:	5
Time meeting called to order:	10:00	Time meeting adjourned:	10:20

**Voting Key**

- “For”: Voting for the motion.
- “Against”: Voting against the motion
- “Abstain”: Present for the vote, but not voting “For” or “Against”
- “Absent”: Not present for reasons other than a conflicting interest (members in attendance at the meeting, but absent from the room for the vote)
- “Recused”: Not present for discussion and voting due to a conflicting interest
- “Non-Voting”: Present at the meeting but not in voting status (in voting status for some items but not in voting status for all items)

**Other business:**

N/A

<sup>1</sup> List IBC members present at any time during the meeting and having voting status at least once during the meeting. If an IBC member has non-voting status for the entire meeting, list under “Others Present.”

<sup>2</sup> List individuals present at any time during the meeting who never have voting status during the meeting.

Primary Presenter	<b>Sharon Marsh, MS</b>
IBC Number:	<b>26-6-KEN</b>
Principal Investigator (PI):	<b>Robert Kenefick, Ph.D.</b>
Project Title:	<b>Pediatric Hydration Study</b>
Are all staff trained?	<b>Yes</b>
Biosafety Level:	<b>BSL-2</b>
Risk Group:	<b>RG-2</b>
HHS Grant Title and ID, if any:	<b>N/A</b>
Documents reviewed:	<b>IBC Registration</b>

**Abstract:**

This study is designed to evaluate hydration status and sweat electrolyte composition and variability across age groups in children between ages 6 - 12 during summer camp activities. Sweat and urine samples will be collected over three consecutive days. Urine samples will be collected at home and during activity periods. Sweat is collected using arm bags and gauze patches during 30-60 minutes of outdoor activity.

Samples will be collected from the Lowell Boys and Girls Club and transported to UMass Lowell in appropriately marked and sealed primary and secondary containers. The samples will be stored in Week Hall in a refrigerator marked with universal precautions.

These samples will all be handled using BSL-2 precautions. Both urine and sweat samples will be prepared via vortex prior to analysis. Urine specific gravity will be analyzed using a refractometer. After being read the refractometer slide will be cleaned with DI water and a kimwipe. Urine osmolality will be analyzed via freezing point depression (OsmoPro). Sweat collected in arm bags will be stored in plastic vials. The sweat patches will be centrifuged to extract the sweat from the gauze. Sweat electrolytes will be analyzed by using EasyRA analyzer.

All waste will be handled using the established hazardous and solid waste procedures established by UML.

**Motion:**

Approved pending minor modifications.

**Vote:**

For	Against	Abstain	Absent	Recused	Substitution
5			4		

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Primary Presenter	<b>Glenn MacDonald, Exec Dir EHS</b>
IBC Number:	<b>26-7-GHE</b>
Principal Investigator (PI):	<b>Chiara Ghezzi, Ph.D.</b>
Project Title:	<b>Neutrophil extraction from peripheral blood</b>
Are all staff trained?	<b>Yes</b>
Biosafety Level:	<b>BSL-2</b>
Risk Group:	<b>RG-2</b>
HHS Grant Title and ID, if any:	<b>N/A</b>
Documents reviewed:	<b>IBC Registration</b>

**Abstract:**

**Overall Summary**

This is a new protocol submitted by Chiara Ghezzi from our Biomedical Engineering Department. She is very experienced, having 22 years working with biological agents. It's government funded by the National Institute of Dental and Craniofacial Research. Chiara is supported by one Post Doc and two UML students. All have meet training requirements except Chiara has pending Bio training and past due on EHS LST. Grace Callen is pending Bio training.

**Research Summary**

The project investigates how the human immune system, specifically neutrophils, responds to changes in the oral microbiome during the progression of oral diseases such as gingivitis and periodontitis.

**Purpose**

The goal is to better understand how interactions between oral bacteria and immune cells drive inflammation and disease progression in the mouth. While these conditions are common, the biological mechanisms behind their development are not fully understood.

**Motion:**

Approved

**Vote:**

For	Against	Abstain	Absent	Recused	Substitution
5			4		