



Project number:		 IMCES	 <small>IMAGING CENTER ESSEN electron microscopy unit</small>
number of sample delivery in that project			
Date			
EMU Sample Declaration for assisted sample preparation			

Project title:	
Samples delivered by:	
Institute/Clinic:	
Department:	
Email:	
Phone number:	

Samples shall be processed for...	<input type="checkbox"/> TEM <ul style="list-style-type: none"> <input type="checkbox"/> Standard <input type="checkbox"/> Immuno-Gold <input type="checkbox"/> Negative Staining <input type="checkbox"/> Cryo TEM 	<input type="checkbox"/> SEM <ul style="list-style-type: none"> <input type="checkbox"/> Standard <input type="checkbox"/> Cryo SEM <input type="checkbox"/> FIB/SEM
Is handling of the samples in any context safety-relevant (S1/2, toxicity,...)?		
Have samples been fixed by the user before transport to the EMU? If yes, pls. give details (fixative, concentration, time, buffer,...).		
In which medium/buffer/solution are the samples delivered to the EMU?		
How should samples be stored right after delivery to the EMU?		
What shall the EMU do with the samples after measurement?	<input type="checkbox"/> discard	<input type="checkbox"/> return to user

General Experiment Description

(Pls. give us a short **practical** overview how the samples were generated: **Origin** (cell culture, animal tissue, NP synthesis,...), **Treatment Details** (cell/animal treatments,...), **Preparation Details**, ...)

Additional Information for Processing

(If applicable, pls. note down wishes for processing, such as non-standard incubation times or contrast agent concentrations. Also, pls. use this field to specify potential antibody details (isotype, clone, concentration, dilution,...) for an immunogold approach)

Sample List

#	Labeling (max. 6 characters)	Short-Description (Just for identification!. Pls. use the field on the previous page to elucidate the experimental background)
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Remarks

- EMU can provide You with standard fixation reagents/buffers and some basic, specific EM equipment. Please contact us for details → mike.hasenberg@uk-essen.de
- EMU will provide secondary immunogold antibodies
- please clarify all protocol details before sample delivery or even better before sample generation with EMU staff:
 - schedule all **TEM and SEM sample deliveries** with **Sylvia Voortmann** or **Bernd Walkenfort** →
sylvia.voortmann@uk-essen.de – phone: 0201/723-6079
bernd.walkenfort@uni-due.de - phone: 0201/723-6079
 - schedule all **SEM sessions with Sylvia Voortmann**
sylvia.voortmann@uk-essen.de – phone: 0201/723-6079
 - schedule all **TEM sessions** with **Bernd Walkenfort** or **Holger Jastrow**→
bernd.walkenfort@uni-due.de - phone: 0201/723-6079
holger.jastrow@uk-essen.de - phone: 0201/723-85746

To be filled out by EMU

Results/Summary/Future Plan