ISP ONLINE INTERIM MEETING April 26-28th 2021

Monday 26th

12:00 (GMT) Official Welcome (R. Latorre)

Topic: **Fundamentals (F)** **(Moderators:** *Robert Henry, Dmitry Starchik***)**

- 12:05-12-30: Lecture: C Baptista / R Latorre / K. de Jong.

- 12:30-14:30: Oral presentations (10´):

F1.- Plastination of a calf head prepared with ethanol-based fixative solution. *Lynda Tamayo-Arango, Universidad de Antioquia, Medellin, Colombia. Grupo de investigación CIBAV.*

F2.- Acetone recycling: Do molecular sieves cause acetone breakdown to acetaldehyde? *Tisher, Corinne E.; Becker, Sarah K.; and Frank, Patrick W. University of Toledo, Toledo, USA.*

F3.- Explosion Prevention in Plastination. *Volker K Schill , BIODUR® Products GmbH , 69126 Heidelberg , Germany.*

F4.- Microchip tags, a useful tool to facilitate the traceability of S10, P40 and E12 samples *Octavio López-Albors, Mariano Orenes-Hernández, José Albarracín, Evelyne Paris-Oller, Mariano Orenes-Martínez, Isabel Belando and Rafael Latorre. Department of Anatomy and Comparative Pathological Anatomy; International Campus of Excellence "Campus Mare Nostrum", University of Murcia, Spain.*

F5.- Aesthetic analysis of paint in plastination. *Fabíola Veloso Menezes[1]; Yuri Favalessa Monteiro[2]; Aureo Banhos dos Santos; Marcos Vinícius Freitas Silva; Renan Pavesi Miranda; José Roberto Kfoury Junior; Athelson Stefanon Bittencourt[2]. [1] Universidade de São Paulo, São Paulo, [2] Universidade Federal do Espírito Santo, Vitória/ES, Brasil.*

F6.- Experiences using Red Muscle Pigment (RMP) on specimens suitable for plastination, wet preservation and drying of lungs. *Concha, I; Henry, R; Iliff, S; Nader, P. Lincoln Memorial University, Harrogate, USA.*

F7.- Why does the acetate foil stick to cured epoxy sandwiched slices? Recomendations to minimize the problem. *Octavio López-Albors, Andrés Moreno, Mariano Orenes-Hernández, José Albarracín, Evelyne Paris-Oller, Mariano Orenes-Martínez, Isabel Belando and Rafael Latorre. Department of Anatomy and Comparative Pathological Anatomy; International Campus of Excellence "Campus Mare Nostrum", University of Murcia, Spain.*

F8.- Implementation of the ISO 9001 quality control system in a plastination laboratory *Evelyne París-Oller[1], Octavio López-Albors[1], Ester Párraga Ros[1], Paz Pérez[2], Mariano Orenes-Hernández[1], José Albarracín[1], Mariano Orenes-Martínez[1], Isabel Belando[1], Rafael Latorre[1]. 1. Department of Anatomy and Comparative Pathological Anatomy; International Campus of Excellence "Campus Mare Nostrum", University of Murcia, Spain. 2. Isotader CEEIM Mod 6 - 3010 Murcia, Spain.*

Tuesday 27th (12:00 GMT)

Topic: **Education (E)** **(Moderators:** *Carlos Baptista, Nicolas Ottone***)**

- 12:00-12-30: Lecture: **Social media in anatomy instruction: What, how much, to whom**?. *Selcuk Tunali.*

- 12:30-14:30: Oral presentations (10´):

E1.- Plastination of a sperm whale. *Wen-Bin Jiang[1], Jian Han[2], Xue-Wei Ma[2], Hu Liu[2], Sheng-Bo Yu[1], Hong-Jin Sui[1]. [1] Department of Anatomy, Dalian Medical University, Dalian 116044, [2] Dalian Hoffen Biotechnology Co., Ltd., Dalian, China 116052.*

E2.- The production of resin-replica bones and the relevance thereof in Anatomy and in research. Wilma Olivier, Lezaan Roux. *Department of Anatomy and Physiology, University of Pretoria, Gauteng, South Africa.*

E3.- Atlas of Human Body Sections plastinated with E12 technik. *Dmitry Starchik, Andrey Akopov. North-Western State Medical University, Saint-Petersburg, Russia*

.

E4.- Forest inhabitants: Exhibition of plastinated wild animals from the Atlantic Forest on the Life Sciences Museum. *Thiago do Nascimento Ouverney; Fernanda Delpupo; Yuri Favalessa Monteiro; Fabíola Veloso Menezes; Áureo Banhos dos Santos; Ana Paula Santana de Vasconcellos Bittencourt; Athelson Stefanon Bittencourt. Federal University of Espírito Santo – UFES, Vitória, Brasil.*

E5.- Digitisation of plastinated anatomical specimens to increase availability of cadaver-quality learning material. *Taimur Alavi[1], Rafael Latorre[2], Octavio Albors[2]. [1]VIN.com & ivalalearn.com, London, Country, [2]Department of Anatomy and Comparative Pathological Anatomy; International Campus of Excellence "Campus Mare Nostrum", University of Murcia, Spain.*

E6.- First sliced and plastinated human body at Latin America: An Pioneering of the Life Effort of the Life Sciences Museum. *Yuri Favalessa Monteiro; Marcos Vinícius Freitas Silva; Renan Pavesi Miranda; Ana Paula Santana de Vasconcellos Bittencourt; Athelson Stefanon Bittencourt. Federal University of Espírito Santo (UFES), Vitória, Brazil.*

E7.- Collaborative Online Anatomy Education using Head and Neck Plastinations. *Kumiko Hashida[1,2], Kyoko Shirahata[1,2,3], Jesse Thompson[2], Steven Labrash[2] and Scott Lozanoff[2].[1]Department of Anatomy, Biochemistry & Physiology, John A. Burns School of Medicine, University of Hawai'i at Mānoa , Honolulu, HI 96813. [2]Department of Kinesiology and Rehabilitation Sciences, University of Hawai'i at Mānoa, Honolulu, HI, 96822. [3]Department of Sports Science, Sendai University, Shibata District, Miyagi Prefecture, Japan*

Wednesday 28th (12:00 GMT)

Topic: **Research** **(Moderators:** *Kees de Jong, Philip Adds***)**

- 12:00-12-20: Lecture: **Epoxy plastination and research**. *Ming Zhang*
- 12:20-14:30: Oral presentations (10´):

  R1.- Ultrasound observation of the lateral femoral cutaneous nerve at the anterior superior iliac spine area . *Zhaoyang Xu, Ming Zhang. Department of Anatomy, University of Otago, Dunedin, New Zealand.*

  R2.- Hoffen P45 technique and its application in clinical anatomy. *Wen-Bin Jiang, Hong-Jin Sui. Department of Anatomy, Dalian Medical University, Dalian, China.*

  R3.- New insights on the anatomy of the elbow lateral ulnar collateral ligament (LCUl). Anatomical variability, E12 sheet plastination description and radiological correlation. *Noriego D, Carrera A, San Millán M, Hidalgo M , Reina F. Faculty of Medicine, University of Girona, Girona, Spain.[2]*

  R4.- The posterolateral corner of the knee. Anatomical description by macro-microdissection and E12 sheet plastination technique. *Reina F. [1,2], Franco M.[1], Cateura A. [1,2], Angelats X. [2], Assó M. [1], Carrera A[1,2]. [1] Faculty of Medicine, University of Girona, Girona, Spain.[2] Clinical Anatomy, Embryology and Neuroscience Research Group. Medical Sciences Department. University of Girona, Girona, Spain.*

  R5.- Plastination applied to the conservation of cultural heritage: study of its reliability on waterlogged ivory. *Milagros Buendía[1], Octavio Albors[2], Rafael Latorre[2]. [1]National Museum of Underwater Archaeology, Cartagena, Spain, [2]International Campus of Excellence "Campus Mare Nostrum", University of Murcia, Spain.*

  R6.- A rare opportunity to plastinate and examine the heart of the endangered southern resident killer whale (*Orcinus orca*) *J.R. Miller[2], R. Latorre[1], O. Lopez Albors[1], S. Raverty[3], P. Cottrell[4], M.D. Engstrom[2]. [1]University of Murcia, Spain. [2]Department of Natural History, Royal Ontario Museum, Toronto, Ontario, Canada. [3]Animal Health Center, Ministry of Agriculture, Abbotsford, British Columbia. [4]Marine Mammal Rescue, Fisheries Management, Fisheries and Oceans Canada, Vancouver, BC, V6C 3S4.*

  R7.- Plastination of marine invertebrates: A protocol with room temperature and low viscosity silicone. *Yuri Favalessa Monteiro, Abia Carvalho, Karla Gonçalves da Costa, Marcos Vinícius Freitas Silva, Renan Pavesi Miranda, Athelson Stefanon Bittencourt. Federal University of Espírito Santo, Vitória-ES, Brazil.*

  R8.- Contributions of the Laboratory of Plastination and Anatomical Techniques, Universidad de La Frontera (Chile) in research and postgraduate training on plastination techniques. *Nicolas E. Ottone[1,2,3,5], Carlos Veuthey[1], Ruth Prieto[1], Mariela Muñoz[2], Ramon Fuentes[1,3], Mariano del Sol[1,2,5]. [1]Laboratory of Plastination and Anatomical Techniques, Faculty of Dentistry; [2]Center of Excellence in Morphological and Surgical Studies, Faculty of Medicine; [3] Research Center for Dental Sciences (CICO), Endodontic Laboratory; [4]Department of Pediatrics and Child Surgery, Medicine School; [5]Doctoral Program in Morphological Sciences, Universidad de La Frontera, Temuco, Chile.*

  R9.- Validation of an S10 protocol for reptile full body plastination. *Jesús Iván Ortega Cortés[1], Irma Eugenia Candanosa Aranda[1], Alejandra Sánchez Cervantes[1], Rafael Latorre Reviriego[2], Beatriz Rubio Morales[3]. [1]National Autonomous University of Mexico, Faculty of Veterinary Medicine and Animal Science, [2]University of Murcia, Faculty of Veterinary, Spain, [3]National Autonomous University of Mexico, Iztacala Superior Studies Faculty, Herpethology Laboratory.*

- **The Journal of Plastination.** *Philip J Adds, Biomedical Sciences (Anatomy) St George's, University of London*
- Official Closure (R. Latorre)

ISP Council