

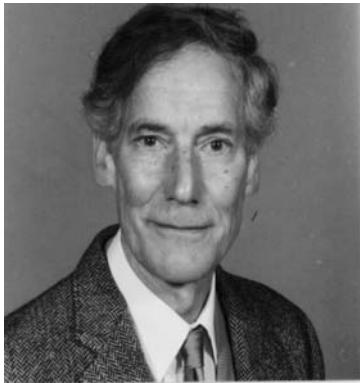


THE HISTORY OF PHYSIOLOGY GROUP NEWSLETTER

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MESSAGE FROM THE CHAIR...Henry Brown, M.D.



All of you have been invited to attend Experimental Biology 2005, but I wish to add my personal invitation and that of the Interest in History Group to attend the remarkably fine program our committee has put together again.

The program for the History of Physiology Group is given in detail elsewhere in this News Letter but I will give it briefly. On Sunday April 3rd, at noon will be our annual luncheon and business meeting at the Headquarters Hotel, the San Diego Marriott Hotel and Marina. The American Physiological Society has generously furnished the luncheon which is available without charge to all attendees at our business meeting and lecture and it will be served beginning at 11:30 AM in the APS office located in the Warner Center of the hotel. However, you must contact Suzanne Schneider before March 1 if you plan to attend the luncheon. The meeting will be in the Torrance Room, just next to the APS office in the Warner Center. The Business Meeting will begin about 12:15 PM, followed by the lecture by Professor Heinrich Taegtmeier on the topic of the experiences of German physiologists under Hitler. We plan to be finished by 2:00 PM.

On Monday April 4th, at 8:00-10:00 AM will be the History of Physiology Group Featured Topic Session with speakers on a common theme of muscle fatigue.

San Diego is a fun city to visit. It has great beaches for swimming for hardy ones in April's chilly water, or sunbathing or jogging on the cement walk at the rear of the Beach. Behind the Beach and its walk is a fine park for just walking or jogging or just sitting to enjoy the scenery. San Diego also has a fine library, museum and zoo for a bit of relaxation. The colorful Gaslight District offers many good places for dining. In the distance in the harbor can be seen the Naval Ship Yard with our Warships, which World War II Veterans remember well, and Navy Veterans or Navy Buffs may wish to see up close.

I look forward to seeing you and greeting you personally at our History meetings.
Best wishes to all of you.

Henry Brown
Chair, History of Physiology Group

THE BUSINESS MEETING OF THE HISTORY OF PHYSIOLOGY GROUP



The History of Physiology Group Business meeting will be held on Sunday, April 3rd at 12 noon in the Torrance Room of the San Diego Marriot Hotel, near the APS Office. A buffet lunch will be served just prior to the business meeting and lecture. Please contact Suzanne Schneider before March 1 if you plan to attend. At the meeting new officers will be elected (Chair, Representative to the Joint Program Committee, Secretary, and Chair of the Program Committee).

Immediately after the business meeting, Dr. Heinrich Taegtmeier will give a presentation entitled “From Freiburg into the World: Tales of Biology Scientists under Hitler.” Heinrich Taegtmeier is both a cardiologist and a biochemist. He attended medical schools at the Universities of Zurich (Switzerland) and Freiburg im Breisgau (Germany) where he received his doctorate of medicine *cum laude* in 1968 for work performed in the department of Professor Albrecht Fleckenstein. After an internship and a postdoctoral fellowship, he came to the U.S. in 1971 and worked as a resident at the (Harvard) Medical Service and as a fellow in cardiology at the Peter Bent Brigham Hospital where his interest in cardiac metabolism was kindled. From 1978 to 1981, he studied with the late Sir Hans Krebs and Reginald Hems. He received his DPhil from Oxford in 1981 and has been on the faculty of the University of Texas Houston Medical School since 1982. The author became interested in German refugee scientists as a graduate student in Oxford through his associations with Professor Hans Krebs, Dr. Hermann Blaschko and Professor Larry Holmes (Yale) and values the memory of their friendship that evolved from these interchanges.

THE FEATURED TOPIC SPEAKER TO DISCUSS THE COLORFUL LIFE OF ANGELO MOSSO



The History of Physiology featured talk this year will be “Mosso and Muscular Fatigue: 116 Years after the First Congress of Physiologists”, presented by Dr. Camillo Di Giulio, Associate Professor of Human Physiology and Psychology and Medical Faculties in Chieti University, Italy. His talk will be Monday, April 4th, from 8:00-9:00 am in Room 29D of the Convention Center. Drs. Charles Tipton and Thomas Nosek will co-chair this Featured Topic session.

Dr. Di Giulio was born in Italy in 1958, where he graduated in 1982 with degrees in Medicine and Surgery, specializing in Neurology and Geriatrics. He completed a post-doctoral fellowship at the University of Pennsylvania in Philadelphia and currently is the director for the “Laboratory of Aging Physiology” as well as the “Physiology and Biophysics Section” of the Department of Biomedical Sciences at Chieti

University. His research interests are in Respiratory Physiology with a special concern for chemoreceptor responses, and in particular, of the hypoxic response of various ages of rats (newborn, young, and elder) that are exposed to hypoxic and hyperoxic conditions. He has long been an ardent admirer of his towns-sake, Angelo Mosso.



Dr. Mosso was born in Turin though his family was from Chieti, where young Angelo worked with his father who was a carpenter. He trained in Zoology in Turin, worked closely with Hugo Kronecker in Leipzig, and in 1879 was appointed Professor of Physiology in Turin where his laboratory, built in a convent, became a mecca for young physiologists such as Charles Sherrington and Harvey Cushing. Mosso's interests were very broad and included archeology, thermoregulation, high altitude physiology, and muscle physiology. He perfected the first ergograph to study muscle fatigue, and was founder of two high altitude research stations, Capanna Regina Margherita (at 4559 m) and Col d'Olen (at 2002 m).

Immediately following this keynote talk, the following four, 15-min free communications will follow:

- Jeroen Jeneson et al. Human quadriceps muscle acidifies after rather than during natural locomotor activity
- Mark Olfert et al. Reduced endurance exercise capacity following skeletal muscle weakness in unloaded muscle
- Sandrine Arbogast et al. Dietary interventions reduce muscle weakness in unloaded muscle
- Murali Pagala et al. Mechanisms of fatigue in smooth muscles in the urinary bladder

HISTORY OF PHYSIOLOGY GROUP POSTERS WILL BE ON DISPLAY ON MONDAY IN THE CONVENTION CENTER

The program committee is pleased to announce that six posters will be on display during Monday, April 21 at the Convention Center. In addition to those presented during the Featured Topic session, we can examine these presentations in the Exhibit Hall on Sunday April 3 from 7:30 to 4 pm:

Dean, Jay. A stepping stone to space flight. The U.S. Army Air Forces Aero Medical Center in Heidelberg, Germany (1945-1947). Poster Board No. A880.

Dean, Jay. Aeromedical Research in World War II: Deacceleration. The Magnitude and duration of opening parachute shock. Poster Board No. 879.

CALL FOR PROGRAM SUGGESTIONS FOR EXPERIMENTAL BIOLOGY 2006 AND THEREAFTER

It is time to plan for future programs by the History of Physiology Group and our options are to sponsor a two hour symposium with three or possibly four speakers, to have a featured topic presentation or lecture with no more than two speakers, or as this year, we can couple a featured topic presentation with selected free communications on a chosen subject. Your suggestions should be faxed or e-mailed (see last page) to the program committee.

HISTORY BOOK CORNER

Di Giulio C. The Capanna Margherita and A. Mosso Institute on Monte Rosa. In: *Hypoxia and Molecular Medicine*, Edited by JR Sutton, G Coates, and CS Houston. Queen Press, 1993.

High Life: A History of High-Altitude Physiology and Medicine, by John B. West, Oxford Univ Press, 1998. See discussions about A Mosso.

Collectors item: *Life of Man in the High Alps*, by Angelo Mosso (1898, translated in English).

Medawar J and D Pyke. *Hitler's Gift*. Arcade Publ., NY, 2001.

KNOW AND CONTACT YOUR LEADERS IN THE HISTORY OF PHYSIOLOGY GROUP

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