

Join us for the 15th Hyogo Science E-café:

Salty Sweat and How it is Regulated:

Factors affecting the ion (NaCl) reabsorption of the sweat glands



NESCAFÉ Sannomiya

Thursday, June 8th 18:30-20:30

〒651-0087 兵庫県神戸市中央区御幸通7丁目1-15
7 Chome-1-15 Gokodori Chūō-ku,
Kōbe-shi, Hyōgo-ken 651-0087

800円

Join us for an English science lecture and discussion over sandwiches and drinks.

Presentation by Dr. Nicola Gerrett, PhD

Sweating is an essential human response that helps us regulate our body temperature within safe ranges. However, when we sweat we not only lose water, but we also lose a large amount of ions, such as salt. This can be very problematic if we sweat for a long time as it can cause the blood to become thicker, increases blood pressure and puts strain on the heart. This poses several risks for vulnerable groups (children, elderly or those who do prolonged exercise in hot conditions). However, the human body can cleverly prevent excess loss of these ions and Dr. Gerrett will present her research which aims to understand how these ions are regulated in the sweat glands. The topics she will discuss include sex, age, exercise intensity, fitness status and heat acclimation.

To register, e-mail your name and indicate that you are registering for the 15th Hyogo Science E-Cafe to The Kobe University Science Shop at:

HSE-CAFE@RADIX.H.KOBE-U.AC.JP

Register by Monday, June 5th. Space is limited to the first 30 people.

お申し込みの際お送りいただきます個人情報は、この催しの運営管理にのみ利用させていただきます。Any information you provide will only be used for the organization of this event

Find us on Internet! “Hyogo Science Coalition”
プレゼンテーションを含め日本語による説明もあります

