

The 40th NIPS International Symposium: International Joint Symposium 2009 "Physiology of Anion Transport" and "Cell Volume Regulation" (PAT- CVR 2009)

August 3 – 6, 2009 at Okazaki Conference Center

Chairman: Y.Okada; Organizers: J. Nabekura, M. Tominaga, A. Uchida, H. Sakai, Y. Sohma & A. Fukuda

PAT-CVR Lectures Nilius, Bernd (KUL, Leuven, Belgium)
 Riordan, John R (Univ North Carolina, Chapel Hill, USA)
 Jentsch, Thomas (FMP/MDC, Berlin, Germany)
 Kaila, Kai (Univ Helsinki, Helsinki, Finland)

Hoffmann, Else K (Univ Copenhagen, Copenhagen, Denmark)
 Okada, Yasunobu (NIPS, Okazaki, Japan)
 Tominaga, Makoto (OIIB, Okazaki, Japan)

P A T S y m p o s i u m

| | I | II | III |
|----------------|---|---|--|
| Session title | CFTR : From molecular structure to tissue physiology and therapy for CF | CLC chloride channel | Ligand-gated anion channel |
| Session chairs | Sheppard, David N (Univ Bristol, Bristol, UK) Sohma, Yoshiro (Keio Univ, Tokyo, Japan) | Uchida, Shinichi (Tokyo Med Dent Univ, Tokyo, Japan) Jentsch, Thomas (FMP/MDC, Berlin, Germany) | Nabekura, Junichi (NIPS, Okazaki, Japan) Fukuda, Atsuo (Hamamatsu Univ, Hamamatsu, Japan) |
| Speakers | Quinton, Paul (Univ California, Riverside, USA) Bear, Christine (Hospital Sick Children, Toronto, Canada) Sheppard, David N (Univ Bristol, Bristol, UK) Chan, Hsiao C (Chinese Univ Hong Kong, Hong Kong, China) Hanrahan, John W (McGill Univ, Montreal, Canada) | Jentsch, Thomas (FMP/MDC, Berlin, Germany) Sepúlveda, Francisco V (Centro de Estudios Científicos, Valdivia, Chile) Accardi, Alessio (Univ Iowa, Iowa City, USA) Uchida, Shinichi (Tokyo Med Dent Univ, Tokyo, Japan) Arreola, Jorge (Universidad Autónoma de SLP, SLP, Mexico) | Moorhouse, Andrew (Univ New South Wales, Sydney, Australia) Luhmann, Heiko J (Inst Physiologie Pathophysiologie, Mainz, Germany) Rivera, Claudio (Univ Helsinki, Helsinki, Finland) Khazipov, Rustem (INMED, Marseille, France) Fukuda, Atsuo (Hamamatsu Univ, Hamamatsu, Japan) |
| | IV | V | VI |
| Session title | New directions in Cl ⁻ channel research | SLC & organic anion transporters | Molecular relation between anion channel and transporter: Evolutional insight of anion channel/transporter molecules. |
| Session chairs | Gray, Michael A (Newcastle Univ, Newcastle upon Tyne, UK) Hartzell, Criss (Emory Univ, Atlanta, USA) | Ishiguro, Hiroshi (Nagoya Univ, Nagoya, Japan) Alper, Seth (Harvard Med Sch, Boston, USA) | Hwang, Tzyh-Chang (Univ Missouri, Columbia, USA) Chen Tsung-Yu (Univ California, Davis, USA) |
| Speakers | Foskett, Kevin (Univ Pennsylvania, Philadelphia, USA) McCarty, Nael (Emory Univ, Atlanta, USA) Hartzell, Criss (Emory Univ, Atlanta, USA) Galiotta, Luis (CEBR, Genova, Italy) Falin, Rebecca (Vanderbilt Univ Med Center, Nashville, USA) | Lee, Min Goo (Yonsei Univ, Seoul, Korea) Kanai, Yoshikatu (Osaka Univ, Osaka, Japan) Alper, Seth (Harvard Med Sch Boston, USA) Casey, Joseph (Univ Alberta, Edmonton, Canada) Ishiguro, Hiroshi (Nagoya Univ, Nagoya, Japan) Ko, Shigeru (Nagoya Univ, Nagoya, Japan) | Maduke, Merritt (Stanford Univ, Stanford, USA) Gadsby, David C (Rockefeller Univ, New York, USA) Hwang, Tzyh-Chang (Univ Missouri, Columbia, USA) Mindell, Joseph (NINDS NIH, Bethesda, USA) Oh, Uhtaek (Seoul Natl Univ, Seoul, Korea) |

C V R S y m p o s i u m

| | I | II | III |
|----------------|--|---|--|
| Session title | CVR & Anion Channel/Transporter | CVR & Cation Channel/Transporter | CVR & Organic Solute Transport |
| Session chairs | Stutzin, Andres (Universidad de Chile, Santiago, Chile) Sakai Hideki (Univ Toyama, Toyama, Japan) | Wehner, Frank (Max-Planck-Institut für Molekulare Physiologie, Dortmund, Germany) Alvarez-Leefmans, Francisco J (Wright State Univ, Dayton, USA) | Sabirov, Ravshan Z (Inst Physiology & Biophysics, Tashkent, Uzbekistan) Mongin, Alexander A (Albany Med College, Albany, USA) |
| Speakers | Baumgarten, Clive M (Virginia Commonwealth Univ, Richmond, USA) Hume, Joseph R (Univ Nevada, Reno, USA) Shimizu, Takahiro (NIPS, Okazaki, Japan) Yamamoto, Shintaro (Fukuoka Univ, Fukuoka, Japan) Varela, Diego (Universidad de Chile, Santiago, Chile) | Wehner, Frank (Max-Planck-Institut für Molekulare Physiologie, Dortmund, Germany) Alvarez-Leefmans, Francisco J (Wright State Univ, Dayton, USA) Hedrich, Rainer (Univ Würzburg, Würzburg, Germany) Valverde, Miguel A (Univ Pompeu Fabra, Barcelona, Spain) Sun, Dandan (Univ Wisconsin-Madison, Madison, USA) | Furuya, Kishio (Nagoya Univ, Nagoya, Japan) Grygorczyk, Ryszard (Univ Montreal, Montreal, Canada) Mongin, Alexander A (Albany Med College, Albany, USA) Kimmelberg, Harold K (Orday Res Inst, Albany, USA) Sabirov, Ravshan Z (Inst Physiology & Biophysics, Tashkent, Uzbekistan) |
| | IV | V | VI |
| Session title | CVR & Cell Signals | CVR & Cell Functions | CVR & Cell Death |
| Session chairs | Pedersen, Stine F (Univ Copenhagen, Copenhagen, Denmark) Marunaka, Yoshinori (Kyoto Prefectural Univ Med, Kyoto, Japan) | Ritter, Markus (Paracelsus Med Univ, Salzburg, Austria) Strbak, Vladimir (Slovak Med Univ, Bratislava, Slovakia) | Lang, Florian (Univ Tübingen, Tübingen, Germany) Cidlowski, John (NIEHS NIH, Research Triangle Park, USA) |
| Speakers | Tilly, Ben (Erasmus Univ Med Center, Rotterdam, Netherlands) Pedersen, Stine F (Univ Copenhagen, Copenhagen, Denmark) Niisato, Naomi (Kyoto Prefectural Univ Med, Kyoto, Japan) Lambert, Ian H (Univ Copenhagen, Copenhagen, Denmark) Sakai, Hideki (Univ Toyama, Toyama, Japan) | Fabian, Anke (Physiologisches Institut II, Münster, Germany) Ritter, Markus (Paracelsus Med Univ, Salzburg, Austria) Seidler, Ursula (Hannover Med Sch, Hannover, Germany) Franco, Rodrigo (UNAM, Mexico city, Mexico) Strbak, Vladimir (Slovak Med Univ, Bratislava, Slovakia) | Lang, Florian (Univ Tübingen, Tübingen, Germany) Bortner, Carl D (NIEHS NIH, Research Triangle Park, USA) Cidlowski, John (NIEHS NIH, Research Triangle Park, USA) Numata, Tomohiro (Kyoto Univ, Kyoto, Japan) Orlov, Sergei N (Univ Montreal Hospital, Montréal, Canada) |