



Table of Contents

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Report

- 1841 **Human Liver Proteome Project: Plan, Progress, and Perspectives**
Fuchu He

Research

- 1849 **Proteomic Analysis of Protein Expression and Oxidative Modification in R6/2 Transgenic Mice: A Model of Huntington Disease**
Marzia Perluigi, H. Fai Poon, William Maragos, William M. Pierce, Jon B. Klein, Vittorio Calabrese, Chiara Cini, Carlo De Marco, and D. Allan Butterfield
- 1862 **Proteomic Analysis of *Schistosoma mansoni* Cercarial Secretions**
[S] *Giselle M. Knudsen, Katalin F. Medzihradzsky, Kee-Chong Lim, Elizabeth Hansell, and James H. McKerrow*
- 1876 **B7/CD28 Costimulation of T Cells Induces a Distinct Proteome Pattern**
Kai Kronfeld, Elisabeth Hochleitner, Simone Mendler, Jutta Goldschmidt, Rudolf Lichtenfels, Friedrich Lottspeich, Hinrich Abken, and Barbara Seliger
- 1888 **Rapid and Sensitive Identification of Major Histocompatibility Complex Class I-associated Tumor Peptides by Nano-LC MALDI MS/MS**
Sandra Hofmann, Matthias Glückmann, Sandra Kausche, Andrea Schmidt, Carsten Corvey, Rudolf Lichtenfels, Christoph Huber, Christian Albrecht, Michael Karas, and Wolfgang Herr
- 1898 **Analysis of BCL6-interacting Proteins by Tandem Mass Spectrometry**
[S] *Rodney R. Miles, David K. Crockett, Megan S. Lim, and Kojo S. J. Elenitoba-Johnson*
- 1910 **Collisional Activation by MALDI Tandem Time-of-flight Mass Spectrometry Induces Intramolecular Migration of Amide Hydrogens in Protonated Peptides**
Thomas J. D. Jørgensen, Nicolai Bache, Peter Roepstorff, Henrik Gårdsvoll, and Michael Ploug
- 1920 **A Human Protein Atlas for Normal and Cancer Tissues Based on Antibody Proteomics**
Mathias Uhlén, Erik Björling, Charlotta Agaton, Cristina Al-Khalili Szigyarto, Bahram Amini, Elisabet Andersen, Ann-Catrin Andersson, Pia Angelidou, Anna Asplund, Caroline Asplund, Lisa Berglund, Kristina Bergström, Harry Brumer, Dijana Cerjan, Marica Ekström, Adila Elobeid, Cecilia Eriksson, Linn Fagerberg, Ronny Falk, Jenny Fall, Mattias Forsberg, Marcus Gry Björklund, Kristoffer Gumbel, Asif Halimi, Inga Hallin, Carl Hamsten, Marianne Hansson, My Hedhammar, Görel Hercules, Caroline Kampf, Karin Larsson, Mats Lindskog, Wald Lodewyckx, Jan Lund, Joakim Lundberg, Kristina Magnusson, Erik Malm, Peter Nilsson, Jenny Ödling, Per Oksvold,

On the cover, the ionic interactions of the transferrin C-lobe with one monomer of the transferrin receptor dimer are illustrated as guiding the complex formation. Multiple basic residues on the receptor (*middle, gray*) helical domain and multiple acidic residues on transferrin C-lobe (*bottom left, brown*) are involved in the interface. The three *green beams* symbolize the ion pair interactions between oppositely charged binding partners. The transferrin N-lobe (*bottom right, sky blue*) is indicated as in the process of binding to the bottom of one monomer of the receptor helical domain dimer. At the *top* is another nearby transferrin molecule that will bind receptor to form the overall 2:2 complex. For details, see the article by Xu *et al.*, pages 1959–1967.

Ingmarie Olsson, Emma Öster, Jenny Ottosson, Linda Paavilainen, Anja Persson, Rebecca Rimini, Johan Rockberg, Marcus Runeson, Åsa Sivertsson, Anna Sköllerö, Johanna Steen, Maria Stenvall, Fredrik Sterky, Sara Strömberg, Mårten Sundberg, Hanna Tegel, Samuel Tourle, Eva Wahlund, Annelie Waldén, Jinghong Wan, Henrik Wernérus, Joakim Westberg, Kenneth Wester, Ulla Wrethagen, Lan Lan Xu, Sophia Hober, and Fredrik Pontén

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- 1948 **Tube-Gel Digestion: A Novel Proteomic Approach for High Throughput Analysis of Membrane Proteins**
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- 1959 **Structural Allostery and Binding of the Transferrin-Receptor Complex**
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- 1968 **Cell Surface Labeling and Mass Spectrometry Reveal Diversity of Cell Surface Markers and Signaling Molecules Expressed in Undifferentiated Mouse Embryonic Stem Cells**
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Rie Uematsu, Jun-ichi Furukawa, Hiroaki Nakagawa, Yasuro Shinohara, Kisaburo Deguchi, Kenji Monde, and Shin-Ichiro Nishimura
- 1990 **Quantifying Peptide Signal in MALDI-TOF Mass Spectrometry Data**
Timothy W. Randolph, Bree L. Mitchell, Dale F. McLerran, Paul D. Lampe, and Ziding Feng
- 2000 **Comparative Proteomic Analysis of Intra- and Interindividual Variation in Human Cerebrospinal Fluid**
[S] *Yan Hu, James P. Malone, Anne M. Fagan, R. Reid Townsend, and David M. Holtzman*

Technology

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[S] *Jesper V. Olsen, Lyris M. F. de Godoy, Guoqing Li, Boris Macek, Peter Mortensen, Reinhold Pesch, Alexander Makarov, Oliver Lange, Stevan Horning, and Matthias Mann*

Information

- 2022 **Calendar**
- 2024 **Instructions to Authors**

AUTHOR INDEX

- Abken, Hinrich, 1876
Agaton, Charlotta, 1920
Aisen, Philip, 1959
Albrecht, Christian, 1888
Amini, Bahram, 1920
Andersen, Elisabet, 1920
Andersson, Ann-Catrin, 1920
Angelidou, Pia, 1920
Asplund, Anna, 1920
Asplund, Caroline, 1920
- Bache, Nicolai, 1910
Berglund, Lisa, 1920
Bergström, Kristina, 1920
Björklund, Marcus Gry, 1920
Björling, Erik, 1920
Brumer, Harry, 1920
Butterfield, D. Allan, 1849
- Calabrese, Vittorio, 1849
Cerjan, Dijana, 1920
Chait, Brian T., 1933
Chance, Mark R., 1959
Cini, Chiara, 1849
Corvey, Carsten, 1888
Cristea, Ileana M., 1933
Crockett, David K., 1898
- de Godoy, Lyris M. F., 2010
Deguchi, Kisaburo, 1977
De Marco, Carlo, 1849
- Ekström, Marica, 1920
Elenitoba-Johnson, Kojo S. J., 1898
Elobeid, Adila, 1920
Eriksson, Cecilia, 1920
- Fagan, Anne M., 2000
Fagerberg, Linn, 1920
Falk, Ronny, 1920
Fall, Jenny, 1920
Feng, Ziding, 1990
Forsberg, Mattias, 1920
Furukawa, Jun-ichi, 1977
- Gårdsvoll, Henrik, 1910
Glückmann, Matthias, 1888
Goldschmidt, Jutta, 1876
Gumbel, Kristoffer, 1920
- Halimi, Asif, 1920
Hallin, Inga, 1920
Hammarström, Lennart, 1942
Hamsten, Carl, 1920
Hansell, Elizabeth, 1862
- Hansson, Marianne, 1920
He, Fuchu, 1841
Hedhammar, My, 1920
Hercules, Görel, 1920
Herr, Wolfgang, 1888
Hober, Sophia, 1920
Hochleitner, Elisabeth, 1876
Hofmann, Sandra, 1888
Holtzman, David M., 2000
Horning, Stevan, 2010
Huber, Christoph, 1888
Hu, Yan, 2000
- Isobe, Toshiaki, 1968
Itagaki, Chiharu, 1968
Izumi, Tomonori, 1968
- Janzi, Magdalena, 1942
Jørgensen, Thomas J. D., 1910
- Kampf, Caroline, 1920
Karas, Michael, 1888
Kausche, Sandra, 1888
Klein, Jon B., 1849
Knudsen, Giselle M., 1862
Kronfeld, Kai, 1876
- Lampe, Paul D., 1990
Lange, Oliver, 2010
Larsson, Karin, 1920
Li, Guoqing, 2010
Lichtenfels, Rudolf, 1876, 1888
Lim, Kee-Chong, 1862
Lim, Megan S., 1898
Lindskog, Mats, 1920
Liu, Rutao, 1959
Lodewyckx, Wald, 1920
Lottspeich, Friedrich, 1876
Lu, Xiaoning, 1948
Lund, Jan, 1920
Lundeberg, Joakim, 1920, 1942
- Macek, Boris, 2010
Magnusson, Kristina, 1920
Makarov, Alexander, 2010
Malm, Erik, 1920
Malone, James P., 2000
Mann, Matthias, 2010
Maragos, William, 1849
McKerrow, James H., 1862
McLerran, Dale F., 1990
Medzihradzky, Katalin F., 1862
Mendler, Simone, 1876
Miles, Rodney R., 1898
Mitchell, Bree L., 1990

Monde, Kenji, 1977
 Mortensen, Peter, 2010

Nagano, Kohji, 1968
 Nakagawa, Hiroaki, 1977
 Nilsson, Peter, 1920, 1942
 Nishimura, Shin-Ichiro, 1977
 Nunomura, Kazuto, 1968

Ödling, Jenny, 1920, 1942
 Okamura, Nobuko, 1968
 Oksvold, Per, 1920
 Olsen, Jesper V., 2010
 Olsson, Ingmarie, 1920
 Öster, Emma, 1920
 Ottosson, Jenny, 1920

Paavilainen, Linda, 1920
 Pan-Hammarström, Qiang, 1942
 Perluigi, Marzia, 1849
 Persson, Anja, 1920
 Pesch, Reinhold, 2010
 Pierce, William M., 1849
 Ploug, Michael, 1910
 Pontén, Fredrik, 1920
 Poon, H. Fai, 1849

Randolph, Timothy W., 1990
 Rimini, Rebecca, 1920
 Rockberg, Johan, 1920
 Roepstorff, Peter, 1910
 Rout, Michael P., 1933
 Runeson, Marcus, 1920

Schmidt, Andrea, 1888
 Seliger, Barbara, 1876

Shinohara, Yasuro, 1977
 Sivertsson, Åsa, 1920
 Sköllermo, Anna, 1920
 Steen, Johanna, 1920
 Stenvall, Maria, 1920
 Sterky, Fredrik, 1920
 Strömberg, Sara, 1920
 Sugano, Sumio, 1968
 Sundberg, Mårten, 1920, 1942
 Szigyarto, Cristina Al-Khalili, 1920

Takahashi, Nobuhiro, 1968
 Taoka, Masato, 1968
 Tegel, Hanna, 1920
 Tourle, Samuel, 1920
 Townsend, R. Reid, 2000

Uematsu, Rie, 1977
 Uhlén, Mathias, 1920, 1942

Wahlund, Eva, 1920
 Waldén, Annelie, 1920
 Wan, Jinghong, 1920
 Wernérus, Henrik, 1920
 Westberg, Joakim, 1920
 Wester, Kenneth, 1920
 Williams, Rosemary, 1933
 Wrethagen, Ulla, 1920

Xu, Guozhong, 1959
 Xu, Lan Lan, 1920

Yamauchi, Yoshio, 1968

Zak, Olga, 1959
 Zhu, Haining, 1948