

- 3600 **Integral repeats and a continuous coiled coil are required for binding of striated muscle tropomyosin to the regulated actin filament.** Sarah E. Hitchcock-DeGregori and Yongmi An
- 3627 **Cooperative oxygen binding to *Scapharca inaequivalvis* hemoglobin in the crystal.** Andrea Mozzarelli, Stefano Bettati, Claudio Rivetti, Gian Luigi Rossi, Gianni Colotti, and Emilia Chiancone
- 3652 **A binding site for thrombin in the Apple 1 domain of factor XI.** Frank A. Baglia and Peter N. Walsh
- 3659 **The IgG binding site of human Fc γ RIIB receptor involves CC' and FG loops of the membrane-proximal domain.** Anu Tamm, Alexander Kister, K. Ulrich Nolte, J. Engelbert Gessner, and Reinhold E. Schmidt
- 3677 **Structural states of the nucleosome.** Gregory J. Czarnota and F. P. Ottensmeyer
- 3750 **Phosphorylation of cholecystokinin receptors expressed on Chinese hamster ovary cells. Similarities and differences relative to native pancreatic acinar cell receptors.** Fatih Ozcelebi, Rammohan V. Rao, Eileen Holicky, Benjamin J. Madden, Daniel J. McCormick, and Laurence J. Miller
- 3869 **Structural integrity of the γ -carboxyglutamic acid domain of human blood coagulation factor IXa is required for its binding to cofactor VIIIa.** Peter J. Larson, Sherry A. Stanfield-Oakley, William J. VanDusen, Carol K. Kasper, Kenneth J. Smith, Dougald M. Monroe, and Katherine A. High
- 3917 **Allosteric regulation of the thermostability and DNA binding activity of human p53 by specific interacting proteins.** Silke Hansen, Ted R. Hupp, and David P. Lane

AUTHOR INDEX

- Abe, Mitsuko, 3445
 Adamis, Anthony P., 3877
 Ahmed, Sohail, 3756
 Alarcón, Balbino, 3719
 Allon, Michael, 3902
 An, Yongmi, 3600
 Andersson, Laura A., 3406
 Aronica, Maria G., 3562
 Aubry, Laurence, 3351
 Austin, Stephen J., 3737
- Baglia, Frank A., 3652
 Bagnara, Gian Paolo, 3562
 Baldassarre, Massimiliano, 3523
 Bannykh, Sergei, 3523
 Barth, Diane, 3385
 Batshaw, Mark L., 3639
 Bauer, Margit, 3413
 Baumgart, Eveline, 3846
 Bavykin, Sergei G., 3831
 Becker, Walter, 3488
 Begley, Tadhg P., 3445
 Bennett, Brian D., 3647
 Berthelsen, Jens, 3822
 Bertrand, Lucie, 3771
 Best, Anthony, 3756
 Bettati, Stefano, 3627
 Bittorf, Thomas, 3453
 Blasi, Francesco, 3822
 Blocker, Ariel, 3803
 Bode, Wolfram, 3413
 Boggs, Joan M., 3496
 Bolton, Kevin M., 3817
 Bonatti, Stefano, 3541
 Bonay, Pedro, 3719
 Bozzi, Yuri, 3523
 Brandes, Hillel K., 3333
 Bray, Tom, 3437
 Brizzi, Maria F., 3562
 Brooke, Joanna S., 3608
 Buccione, Roberto, 3523
 Burkhardt, Janis K., 3803
 Busfield, Samantha J., 3453
 Bylka, Sheri A., 3406
- Cabado, Ana G., 3590
 Callan, Ondine Harris, 3548
 Campbell, Jean S., 3795
 Caron, Marc G., 3771
 Caryl, Gwyndolyn, 3417
 Chang, Chi-F., 3437
 Chang, David, 3884
 Chappell, David, 3453
 Châtelet, François-Patrick, 3469
 Chen, Shan-Chun, 3534
 Chiancone, Emilia, 3627
 Choi, Jae-Yeon, 3581
 Claret, Michel, 3568
 Colotti, Gianni, 3627
 Cooke, Carol, 3667
 Coquil, Jean-François, 3568
 Costello, Colleen A., 3445
 Cotto, José J., 3355
- Cywiner, Charlotte, 3469
 Czarnota, Gregory J., 3677
- D'Amore, Patricia A., 3877
 Davis, Elaine C., 3787
 Dean, Neta, 3837
 De Matteis, Maria Antonietta, 3523
 Desrosiers, Michael G., 3945
 Deutsch, Urban, 3877
 Devreotes, Peter N., 3351
 Dhahbi, Joseph M., 3500
 Dietrich, Carl P., 3897
 Di Tullio, Giuseppe, 3523
 Dixon, Jack E., 3795
- Eckhart, Walter, 3779
 Emi, Yoshikazu, 3952
 Enyedi, Agnes, 3714
 Ernst, Joachim F., 3398
 Ervasti, James M., 3817
 Evans, James E., 3507
- Facchiano, Francesco, 3523
 Fahimi, H. Dariush, 3846
 Falck, John R., 3460
 Filion, Pascale, 3555
 Filoteo, Adelaida G., 3714
 Firtel, Richard A., 3351
 Fresno, Manuel, 3719
 Fujimoto, Wataru, 3737
 Fukuda, Michiko N., 3684
 Fukuda, Minoru, 3684
 Fukunaga, Bert N., 3743
 Furth, Emma E., 3639
- Galione, Antony, 3699
 Galsol, Deborah L., 3385
 Gambel, Anne M., 3945
 Gaskins, Chris, 3351
 Gately, Laura J., 3945
 Gavin, Igor M., 3831
 Geha, Raif S., 3763
 Gellman, Samuel H., 3478
 Geraerts, Wijnand P. M., 3619
 Gessner, J. Engelbert, 3659
 Ghayur, Tariq, 3517
 Gordon, Jeffrey I., 3671
 Gorospe, Myriam, 3604
 Gorr, Sven-Ulrich, 3575
 Gregori, Claudine, 3469
 Griffiths, Gareth, 3803
 Grinstein, Sergio, 3590
 Gupta, Poonam, 3437
 Guyton, Kathryn Z., 3604
- Haber, Edgar, 3667
 Habermann, Anja, 3803
 Hachiya, Takahisa, 3930
 Haghighi, Khadijeh, 3375
 Hankinson, Oliver, 3743
 Hansen, Silke, 3917
 Hartman, Fred C., 3333
 Hartmann, Enno, 3925
- Hase, Masakazu, 3633
 Hashimoto, Koji, 3347
 Hashimoto, Takashi, 3706
 Hauschka, Stephen D., 3795
 Hayashi, Shin-ichi, 3340
 Heukelbach, Jörg, 3488
 Hensold, Jack O., 3385
 High, Katherine A., 3869
 Hill, Alison, 3366
 Hirabayashi, Yoshio, 3684
 Hirose, Fumiko, 3930
 Hirschberg, Carlos B., 3897
 Hitchcock-DeGregori, Sarah E., 3600
 Holbrook, Nikki J., 3604
 Holicky, Eileen, 3750
 Hsieh, Chung-Ming, 3667
 Hu, Zhixiang, 3375
 Huber, Brian E., 3812
 Hugunin, Margaret, 3517
 Hupp, Ted R., 3917
 Huppertz, Christine, 3488
 Hwang, Sue-Yun, 3581
 Hyman, Anthony A., 3803
- Ichiba, Tamotsu, 3340
 Ikeda, Masako, 3930
 Ikushiro, Shin-ichi, 3952
 Imagawa, Masayoshi, 3891
 Imanaka, Tsuneo, 3706
 Insall, Robert, 3351
 Ishikawa, Yuichi, 3633
 Iyanagi, Takashi, 3952
 Izumo, Seigo, 3727
- Jackson, Michael R., 3541
 Jacob-Mosier, Gayatri G., 3336
 Jain, Mukesh, 3667
 Jetten, Anton M., 3737
 Jetton, Thomas L., 3647
 Joost, Hans-Georg, 3488
 Jordan, Frank, 3375
- Kahn, Axel, 3469
 Kainulainen, Heikki, 3488
 Kalies, Kai-Uwe, 3925
 Kanakura, Yuzuru, 3347
 Kanamori, Akiko, 3684
 Kanemitsu, Martha Y., 3779
 Kapus, Andras, 3590
 Karam, Sherif M., 3671
 Kasper, Carol K., 3869
 Katayama, Tsutomu, 3633
 Kelleher, Neil L., 3445
 Kentrup, Heiner, 3488
 Kern, Anne-Sophie, 3469
 Keys, Barbara, 3907
 Kiefer, Philip M., 3437
 Kister, Alexander, 3659
 Kitamura, Naomi, 3615
 Kitamura, Yukihiko, 3347
 Kitayama, Hitoshi, 3347
 Kline, Michael, 3355
- Klinken, S. Peter, 3453
 Kokkonen, Gertrude C., 3604
 Kolakowski, Lee F., Jr., 3619
 Kon-Kozlowski, Maya, 3856
 Koshy, Kalavelil M., 3496
 Kou, Guang-Hsiung, 3534
 Kozma, Robert, 3756
 Krebs, Edwin G., 3795
 Kubota, Toshio, 3633
 Kunitake, Toyoki, 3633
 Kurata, Wendy E., 3779
 Kuroda, Kazufumi, 3930
 Kuroki, Masatoshi, 3877
- Lampe, Paul D., 3779
 Lane, David P., 3917
 Larimer, Frank W., 3333
 Larson, Peter J., 3869
 Lau, Alan F., 3779
 Lawton, Richard G., 3336
 Lee, Hon Cheung, 3699
 Lee, Min-Ho, 3420
 Lee, Mu-En, 3667
 Lee, Wen-Sen, 3667
 Lefkowitz, Robert J., 3771
 Li, Qitang, 3671
 Li, Shengwen, 3863
 Lim, Louis, 3756
 Lin, Young-Sun, 3534
 Lisanti, Michael P., 3863
 Liu, Naili, 3884
 Liu, Yusen, 3604
 Loo, Lenora W. M., 3779
 Lopatin, Anatoli N., 3392
 Lorand, Laslo, 3737
 Luini, Alberto, 3523
 Lukacs, Gergely, 3590
 Lyczak, Jeffrey B., 3428
- Madden, Benjamin J., 3750
 Maeda, Mineko, 3351
 Magnuson, Mark A., 3647
 Maher, Pamela, 3343
 Malagolini, Nadia, 3541
 Mankovich, John A., 3517
 Marhamati, Darius J., 3359
 Martin, Charles E., 3581
 Martire, Gianluca, 3541
 Marvin, Keith W., 3737
 Matsufuji, Senya, 3340
 Matsukage, Akio, 3930
 Matsumoto, Toshio, 3938
 Matsuzawa, Yuji, 3347
 Mauger, Jean-Pierre, 3568
 McBurney, Michael W., 3555
 McCormick, Daniel J., 3750
 McLafferty, Fred W., 3445
 Mecham, Robert P., 3787
 Menick, Donald R., 3945
 Meyerhof, Wolfgang, 3619
 Miller, Laurence J., 3750
 Mironov, Alexander, 3523
 Miyazawa, Keiji, 3615

- Mizushima, Tohru, 3633
 Mock, Yolanda D., 3604
 Monroe, Dougald M., 3869
 Moomaw, Cindy R., 3460
 Mori, Shigetoshi, 3420
 Morimoto, Masahiro, 3347
 Morimoto, Richard I., 3355
 Moriyama, Yasuhiro, 3347
 Morrison, Sherie L., 3428
 Mote, Patricia L., 3500
 Mottola, Giovanna, 3541
 Mourey, Robert J., 3795
 Mozzarelli, Andrea, 3627
 Munro, Sean, 3719
 Murakami, Yasuko, 3340

 Nader, Helena B., 3897
 Nahorski, Stefan R., 3907
 Nakayama, Jun, 3684
 Nakayama, Konosuke, 3938
 Nantel, André, 3366
 Narimatsu, Hisashi, 3398
 Nash, S. Russel, 3771
 Natowicz, Marvin R., 3507
 Nelson, Beth A., 3417
 Neubig, Richard R., 3336
 Ng, Yin-Shan, 3877
 Nichols, Colin G., 3392
 Nishi, Tatsunari, 3684
 Nishihara, Tsutomu, 3891
 Nishimoto, Yoshio, 3930
 Nolte, K. Ulrich, 3659

 Obana, Eishi, 3633
 Omori, Akira, 3930
 Orłowski, John, 3590
 Osada, Shigehiro, 3891
 Osumi, Takashi, 3706
 Ottensmeyer, F. P., 3677
 Özcelebi, Fatih, 3750

 Pall, Elizabeth A., 3817
 Pani, Giovanni, 3856
 Pascale, Maria Carmela, 3541
 Patstone, Gail, 3343
 Patterson, Cam, 3667

 Pawson, Tony, 3856
 Pegoraro, Luigi, 3562
 Penniston, John T., 3714
 Perrella, Mark A., 3667
 Pichard, Anne-Lise, 3469
 Pinhal, Maria A. S., 3897
 Piston, David W., 3647
 Porteu, Arlette, 3469
 Poster, Jay B., 3837

 Quatrano, Ralph S., 3366
 Quintal, Lucia J., 3517

 Rao, Rammohan V., 3750
 Raychaudhuri, Pradip, 3420
 Richter, Dietmar, 3619
 Rivetti, Claudio, 3627
 Robinson, Michael B., 3639
 Rock, Christopher D., 3366
 Romano, Carl, 3392
 Rossi, Gian Luigi, 3627
 Rosso, Arturo, 3562
 Roth, George S., 3604
 Rozema, David, 3478

 Sabourin, Jean-Christophe, 3469
 Santone, Ivana, 3523
 Sasaki, Katsutoshi, 3684
 Saxena, Sunil, 3902
 Saxon, Andrew, 3428
 Schlegel, Robert, 3667
 Schmidt, Reinhold E., 3659
 Schürmann, Annette, 3488
 Schwientek, Tilo, 3398
 Seabra, Miguel C., 3692
 Seitz, Robert, 3863
 Sekimizu, Kazuhisa, 3633
 Senior, Alan E., 3474
 Serafini-Cessi, Franca, 3541
 Sethi, Jaswinder K., 3699
 Severin, Fedor F., 3803
 Sha, Qun, 3392
 Shen, Fang, 3692
 Shiina, Yu'ichi, 3706
 Shima, David T., 3877
 Shimizu, Noriko, 3727

 Shimomura, Takeshi, 3615
 Siminovitch, Katherine A., 3856
 Skerjanc, Ilona S., 3555
 Smit, August B., 3619
 Smith, Gillian, 3727
 Smith, Ian, 3639
 Smith, Kenneth J., 3869
 So, On-Yee, 3548
 Sonenshein, Gail E., 3359
 Spindler, Stephen R., 3500
 Stanfield-Oakley, Sherry A., 3869
 Stich, Andrea, 3846
 Stratton, Carl A., 3385
 Street, Jacqueline M., 3507
 Strehler, Emanuel E., 3714
 Stubbs, Milton T., 3413
 Stukey, Joseph, 3581
 Su, Ying, 3437
 Sun, Jilin, 3884
 Swinney, David C., 3548

 Takano, Tatsuya, 3706
 Takeuchi, Yasuhiro, 3938
 Tamm, Anu, 3659
 Taylor, Joan M., 3336
 Tensen, Cornelis P., 3619
 Thomason, Arlen, 3884
 Tiberi, Mario, 3771
 Tilbrook, Peta A., 3453
 Tillman, John B., 3500
 Tobin, Andrew B., 3907
 Toma, Leny, 3897
 Tomer, Kenneth B., 3460
 Truong, James, 3555
 Tsai, Hsiu-Lan, 3534
 Tsai, Jer-Chia, 3667
 Tsitsikov, Erdyni N., 3763
 Tsujimura, Tohru, 3347
 Tsytsykova, Alla V., 3763
 Turrini, Ileana, 3541

 Usachenko, Sergei I., 3831

 Valvano, Miguel A., 3608
 Vandekerckhove, Joel, 3822
 van de Loch, Andreas, 3413

 VanDort, Marcian, 3336
 VanDusen, William J., 3869
 van Heerikhuizen, Harm, 3619
 van Kesteren, Ronald E., 3619
 van Minnen, Jan, 3619
 Varughese, Kottayil I., 3437
 Vega, Quinn C., 3795
 Verma, Anil K., 3714
 Völkl, Alfred, 3846
 Vollberg, Thomas M., 3737
 Vreugdenhil, Erno, 3619

 Walford, Roy L., 3500
 Walseth, Timothy F., 3699
 Walsh, Peter N., 3652
 Wang, Hong, 3667
 Warn-Cramer, Bonnie J., 3779
 Watanabe, Eiji, 3633
 Weber, Joachim, 3474
 Wei, Ke, 3812
 Wen, Duanzhi, 3884
 Wenderoth, Mary Pat, 3795
 White, Alison M., 3699
 Whiteley, John M., 3437
 Willmott, Nick, 3699
 Wilmes, Anja, 3488
 Wilson, Amy E., 3406
 Wilson, James M., 3639
 Wu, Cheng-Wen, 3534
 Wu, Shu, 3460

 Xu, Qingbo, 3604
 Xuong, Nguyen-H., 3437

 Yamaguchi, Masamitsu, 3930
 Yamamoto, Hiroko, 3891
 Yarden, Yosef, 3562
 Ye, Xuehai, 3639
 Ying, Guangtao, 3647
 Yockey, Courtland E., 3727
 Yoshinaga, Steven K., 3884
 Yoshizumi, Masao, 3667
 Yu, Frank H., 3590
 Yuan, Ling, 3417

 Zeldin, Darryl C., 3460
 Zhang, Ke, 3428, 3884