ACKNOWLEDGMENTS

The Editorial Board of Clinical Science gratefully acknowledges the assistance given by the following referees during the year 1986.

Adibi, S.A.
Adu, D.
Allison, S.
Alvestrand, A.
Anderson, D.C.
Anderson, J.
Anderson, J.V.
Anfilogoff, N.
Arbuthnott, G.W.
Ash, R.
Ash, S.A.
Atherton, J.C.
Bach, P.H.
Bailey, E.
Ball, S.G.
Balment, R.
Barley-Wood, R.
Barnes, P.J.
Barnett, D.B.
Baron, D.N.
Barton, J.N.
Barton, R.N.
Bashford, C.L.
Bateman, D.M.
Bates, C.J.
Bayliss, P.H.
Beever, G.
Begent, R.H.J.
Belin, L.J.
Belch, J.
Bennett, B.
Bennett, T.
Better, O.S.
Bianchi, G.
Bibby, M.C.
Bietz, J.G.
Billing, B.H.
Bing, R.F.
Blake, D.
Bobinski, H.
Bolli, P.
Bomford, A.
Boon, N.A.
Boucher, B.J.
Boughton, B.J.
Boyce, B.F.
Boyd, C.A.R.
Bradfield, J.W.B.
Bradshaw, M.J.
Brewer, D.B.
Brodie, M.J.
Bronk, J.R.
Brouwer, A.
Brown, J.J.
Browse, N.
Broyer, M.
Bulpitt, C.J.
Burgess, M.N.
Burrett, A.K.
Burroughs, A.
Burston, D.
Calverley, P.M.A.
Cameron, I.R.
Catto, R.G.D.
Cazenave, J.-P.
Ceretelli, P.
Challis, R.A.
Challis, R.J.
Chalmers, R.A.
Chanarin, I.
Cheeseman, C.I.
Cherniack, N.S.
Chipperfield, A.R.
Christiansen, C.
Clark, C.G.
Clark, J.B.
Clarke, C.
Clarke, R.W.
Clauser, T.
Cockcroft, A.
Cohen, R.D.
Coles, G.A.
Conway, F.J.
Cooper, B.
Cooke, J.H.
Corrall, R.
Cotterrell, D.
Cox, T.M.
Crawford, N.
Crawley, J.C.W.
Cumming, G.
Cummings, P.
Cundy, T.
Cunningham, J.C.
Curtis, A.S.G.
Dargie, H.J.
Dascombe, M.J.
Davies, C.T.M.
Davies, M.K.
Davies, R.
Davison, J.M.
Dawnay, A.
Dean, M.F.
Degrelle, H.
de Matteis, F.
Derksen, F.H.M.
de Swiet, M.
Dieppe, P.
Dollery, C.T.
Dormandy, J.
Dorner, R.L.
Drury, P.L.
Duhm, J.
Duncan, S.L.B.
Durand, J.
Durox, P.
Durrington, P.
Eastwood, M.
Edwards, R.H.T.
Eiser, N.M.
Elia, M.
Elias, E.
Elliott, H.L.
Ellis, H.A.
Ellory, J.C.
Emery, P.
Ewing, D.J.
Fabbri, L.
Fagerström, K.O.
Fairclough, P.D.
Favre, L.
Feest, T.G.
Fern, E.
Fernstrom, J.D.
Finer, N.
Fiocchi, C.
Fisher, R.B.
Flear, C.T.G.
Flenley, D.C.
Flint, E.J.
Fogelman, A.M.
Ford, A.R.
Fozard, J.
Fraser, D.R.
Frayn, K.N.
Fuller, R.
Gadian, D.G.
Gardiner, S.M.
Garland, H.O.
Garlick, P.J.
Garrow, J.S.
Geddes, D.M.
Gellai, M.
Gibb, I.
Gilmour, I.
Godfrind, T.
Gokal, R.
Goldspink, D.F.
Gove, C.
Grandordy, B.
Grant, D.A.W.
Greaves, M.
Green, A.R.
Grime, R.
Grossman, A.
Guy, G.
Hallam, T.J.
Hallett, M.B.
Halliwell, B.
Hamet, P.
Hamilton, C.A.
Hammerman, M.R.
Hardcastle, P.J.
Hardman, M.
Harf, A.
Harrison, B.D.W.
Harrison, R.A.
Hartling, O.J.
Harvey, L.
Hawkey, C.J.
Haylor, J.L.
Heagerty, A.M.
Henderson, A.H.
Henderson, I.
Henkin, R.J.
Heptinstall, S.
Higenbottom, T.
Higgs, D.R.
Hiley, C.R.
Hilton, P.J.
Hjelmeland, P.
Hobsley, M.
Hockaday, T.D.R.
Hodgson, H.J.F.
Hodgson, M.
Hof, R.P.
Holgate, S.T.
Home, P.
Horne, J.A.
Hostetter, T.H.
Hoult, J.R.S.
Howard, P.
Hughes, J.M.B.
Hulbert, P.B.
Humphrey, P.
Hunt, R.H.
Imbs, J.L.
Isom, G.E..
Jackson, M.
Jammes, Y.
Jeffcoate, W.
Jessor, A.W.
Jewell, D.P.
Joels, N.
Johnson, E.J.
Johnson, A.
Johnson, D.
Johnston, C.I.
Johnson, G.D.
Jones, D.
Jones, D.A.
Jones, E.A.
Jones, H.
Jones, P.
Jung, R.T.
Kanis, J.A.
Karim, F.
Kay, A.B.
Kay, J.D.S.
Kaye, J.
Keeling, N.
Kelleher, J.
Kellett, G.L.
Kelly, J.G.
Kerr, D.
Kerrebijn, K.F.
Kettlewell, M.G.W.
Khaw, K.T.
Kildeberg, P.
Kopple, J.D.
Korner, P.L.
Kosman, D.J.
Krishnamurthi, S.
Kry, F.
Kuchel, O.
Lacelle, P.L.
Laker, M.F.
Lane, D.A.
Laszlo, G.
Acknowledgments

Laurent, P.
Law, R.O.
Lazarus, J.H.
Lebrec, D.
Leckie, B.J.
Ledingham, J.G.G.
Lee, M.R.
Lee, T.H.
Leslie, D.
Leslie, R.D.G.
Lever, A.F.
Lew, V.I.
Leyssac, P.
Lieber, C.S.
Lightman, S.L.
Lindheimer, M.D.
Littlewood, J.M.
Livesey, G.
Lobley, R.W.
Lopez-Vidriero, M.
Losowsky, M.S.
Lucas, M.L.
Ludlam, C.A.
Lund, P.
Lye, M.D.W.

Macdermot, J.
MacDonald, F.
Macdonald, I.A.
MacGregor, G.A.
MacGregor, G.M.
MacSween, R.N.M.
Maddison, J.
Mahler, R.
Marche, P.
Marmot, M.
Marsden, C.A.
Marshall, J.M.
Marshall, W.
Mary, D.A.S.G.
Mathias, C.J.
Matran, R.
Mathews, D.
Matthews, D.M.
Matthews, N.
Mawer, E.B.
McCrorie, P.
McDevitt, D.G.
McDonald, J.
McFarlane, B.M.
McFarlane, I.G.
McGivan, J.D.
McGregor, K.H.
McHardy, G.J.R.
McIntosh, N.
McIntyre, N.
McVicar, A.J.
Menzies, I.S.
Mercer, S.
Meyer, J.
Michel, C.C.
Millar, N.D.
Millar Craig, M.W.
Miller, N.E.
Miller, P.
Mills, I.H.
Millward, D.J.
Minor, D.S.
Mir, M.A.
Mitch, W.E.
Mitchell, E.B.
Molimard, R.
Monson, J.P.
Morgan, M.Y.
Morice, A.H.
Morley, A.R.
Morley, C.A.
Morley, J.E.
Morrisson, L.
Morton, J.J.
Motttram, R.
Munro, H.
Murad, F.
Murray, R.G.
Narla, M.
Neale, G.
Nedergaard, O.A.
Neuberger, J.N.
Ng, L.
Nicholls, D.G.
Nicholls, M.G.
Nimmo, I.A.
Noble, A.
Norday, A.
Nouri-Aria, K.T.
Nuki, G.
Nussey, S.
Nye, P.C.G.
Oddie, V.H.
O’Grady, J.
Orchard, M.A.
O’Riordan, J.
Owen, D.
Padfield, P.L.
Paiva, M.
Pampanini, M.
Parsons, D.S.
Patrick, J.M.
Pauwels, R.
Peacock, M.

Pearson, J.D.
Pearson, T.
Pedersen, E.B.
Pepys, M.
Percy-Robb, I.W.
Perry, J.R.
Peslin, R.
Peters, T.J.
Peterson, E.S.
Pickering, T.G.
Plumb, J.A.
Pohl, J.E.F.
Poole-Wilson, P.
Poston, L.
Potter, J.F.
Potts, D.J.
Potts, T.
Poultier, N.
Powell-Tuck, J.
Preston, F.E.
Prichard, B.N.C.
Priddle, J.D.
Pride, N.B.
Pryor, W.A.
Puget, M.
Purkiss, P.
Raine, A.E.G.
Ramsay, L.E.
Randall, P.
Reckless, J.P.D.
Redman, C.
Rees, A.J.
Regnard, J.
Reid, J.L.
Reuter, H.
Reynolds, J.
Rhodes, J.
Richards, A.M.
Richardson, P.S.
Rink, T.J.
Ritter, J.M.
Robertson, J.S.
Robinson, B.F.
Robinson, C.J.
Rodes, J.
Rokkedal Nielsen, J.
Rose, G.A.
Ross, B.D.
Routledge, P.A.
Royston, D.
Rubin, P.
Rudenski, A.
Russell, G.I.
Safar, M.
Sagnella, G.A.
Sanders, T.A.B.
Sassard, J.
Schachter, M.
Schaefler, E.J.
Scheinberg, I.H.
Schiffrin, E.L.
Semple, P.F.
Semple, S.J.G.
Shenkin, A.
Shirley, D.G.
Shore, A.
Sibley, C.
Silk, D.B.A.
Sim, A.
Simmer, K.
Simmons, N.L.
Simonsson, B.G.
Slater, T.F.
Slegt, P.
Smith, R.
Smith, S.A.
Smith, W.E.
Sonnenberg, H.
Spiegel, A.M.
Stamp, T.C.B.
Stark, R.D.
Stephens, A.D.
Stevenson, J.C.
Stewart, G.W.
Stock, M.J.
Stoward, P.
Stradling, J.R.
Strange, R.C.
Struthers, A.D.
Stuart, J.
Stubbs, M.
Sturrock, R.D.
Sudlow, M.F.
Sugden, M.C.
Summerill, R.A.
Swales, J.D.
Taspon, J.S.
Taskinen, M.J.
Taube, D.
Taylor, C.M.
Tetley, T.
Thien, Th.
Thom, S.
Thomas, H.
Thomas, T.H.
Thompson, R.P.H.
Thomson, N.C.
Tisdale, M.J.
Titheradge, M.
Tomlinson, S.
Tomson, C.

Tønnesen, K.H.
Tooke, J.E.
Tournier, J.M.
Toward, R.
Trayhurn, P.
Tree, M.
Turner, R.C.
Tweeddale, P.M.

Varene, P.
Venning, M.
Vessby, B.

Walker, K.
Wallace, W.
Walls, J.
Ward, M.K.
Warnes, T.W.
Warren, J.B.
Waterlow, J.C.
Watkins, P.J.
Watson, M.
Watson, R.
Weitzenblum, E.
Wheellok, J.V.
Whittaker, J.A.
Wilkins, M.R.
Wilkinson, S.P.
Will, E.J.
Williams, B.
Williams, B.D.R.
Williams, C.
Williams, E.D.
Williams, P.
Williams, S.R.
Williamson, D.
Wilson, R.
Winterburn, P.J.
Withington, P.
Wood, D.
Wood, J.A.
Wood, L.M.
Woodhead, S.
Woods, K.L.
Worwood, A.
Wu, F.C.W.
Wylie, J.

Young, A.
<table>
<thead>
<tr>
<th>Author</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adam, W.R.</td>
<td>87–92</td>
</tr>
<tr>
<td>Adams, P.H.</td>
<td>659–664</td>
</tr>
<tr>
<td>Adu, D.</td>
<td>329–332</td>
</tr>
<tr>
<td>Afford, S.C.</td>
<td>19–28</td>
</tr>
<tr>
<td>Agius, L.</td>
<td>3–10</td>
</tr>
<tr>
<td>Akino, T.</td>
<td>105–108</td>
</tr>
<tr>
<td>Ala-Hohala, I.</td>
<td>365–370</td>
</tr>
<tr>
<td>Alberti, K.G.M.M.</td>
<td>3–10</td>
</tr>
<tr>
<td>Anastasiades, E.</td>
<td>617–625</td>
</tr>
<tr>
<td>Ang, L.</td>
<td>541–546</td>
</tr>
<tr>
<td>Ang, V.T.Y.</td>
<td>589–592</td>
</tr>
<tr>
<td>Ansari, A.F.</td>
<td>183–188</td>
</tr>
<tr>
<td>Archer, D.</td>
<td>189–196</td>
</tr>
<tr>
<td>Ardaillou, R.</td>
<td>337–341</td>
</tr>
<tr>
<td>Argiles, A.</td>
<td>515–518</td>
</tr>
<tr>
<td>Askanazi, J.</td>
<td>417–424</td>
</tr>
<tr>
<td>Atherton, J.C.</td>
<td>645–651</td>
</tr>
<tr>
<td>Axelrod-Cavadoro, C.</td>
<td>515–518</td>
</tr>
<tr>
<td>Axon, A.T.R.</td>
<td>189–196</td>
</tr>
<tr>
<td>Baker, T.G.</td>
<td>53–59</td>
</tr>
<tr>
<td>Baldwin, J.C.</td>
<td>299–303</td>
</tr>
<tr>
<td>Ball, S.G.</td>
<td>93–97, 411–416, 489–495</td>
</tr>
<tr>
<td>Balmforth, A.J.</td>
<td>271–275</td>
</tr>
<tr>
<td>Baradli, M.</td>
<td>669–671</td>
</tr>
<tr>
<td>Barber, R.W.</td>
<td>205–210</td>
</tr>
<tr>
<td>Barradas, M.A.</td>
<td>127</td>
</tr>
<tr>
<td>Bartlett, K.</td>
<td>463–469, 471–478</td>
</tr>
<tr>
<td>Baty, J.</td>
<td>41–45</td>
</tr>
<tr>
<td>Beaman, M.</td>
<td>329–332</td>
</tr>
<tr>
<td>Beasley, R.</td>
<td>561–572</td>
</tr>
<tr>
<td>Behrens, R.</td>
<td>197–204, 205–210</td>
</tr>
<tr>
<td>Bell, G.M.</td>
<td>259–265</td>
</tr>
<tr>
<td>Bennett, E.D.</td>
<td>589–592</td>
</tr>
<tr>
<td>Beppu, T.</td>
<td>425–429</td>
</tr>
<tr>
<td>Bernheim, J.</td>
<td>653–657</td>
</tr>
<tr>
<td>Berntorp, K.</td>
<td>109–116</td>
</tr>
<tr>
<td>Betteridge, D.J.</td>
<td>99–103</td>
</tr>
<tr>
<td>Bhatt, H.R.</td>
<td>581–587</td>
</tr>
<tr>
<td>Birtwhistle, R.</td>
<td>329–332</td>
</tr>
<tr>
<td>Bisgaard, H.</td>
<td>217–222</td>
</tr>
<tr>
<td>Bland, M.</td>
<td>541–546</td>
</tr>
<tr>
<td>Boivin, G.</td>
<td>227–234</td>
</tr>
<tr>
<td>Bradley, T.M.</td>
<td>319–327</td>
</tr>
<tr>
<td>Briggs, B.A.</td>
<td>319–327</td>
</tr>
<tr>
<td>Brinkema, E.</td>
<td>593–599</td>
</tr>
<tr>
<td>Broom, J.</td>
<td>69–75</td>
</tr>
<tr>
<td>Brown, S.</td>
<td>151–157</td>
</tr>
<tr>
<td>Brunisholz, M.C.</td>
<td>305–310</td>
</tr>
<tr>
<td>Bruun, N.E.</td>
<td>126–127</td>
</tr>
<tr>
<td>Buchanan, P.R.</td>
<td>351–359</td>
</tr>
<tr>
<td>Buckley, M.G.</td>
<td>285–289</td>
</tr>
<tr>
<td>Buhler, F.R.</td>
<td>459–462</td>
</tr>
<tr>
<td>Buoninconti, R.</td>
<td>535–539</td>
</tr>
<tr>
<td>Burgisser, E.</td>
<td>459–462</td>
</tr>
<tr>
<td>Burkart, F.</td>
<td>459–462</td>
</tr>
<tr>
<td>Burke, C.M.</td>
<td>299–303</td>
</tr>
<tr>
<td>Burnett, D.</td>
<td>19–28</td>
</tr>
<tr>
<td>Burston, D.</td>
<td>53–59, 61–68</td>
</tr>
<tr>
<td>Busssel, A.</td>
<td>337–341</td>
</tr>
<tr>
<td>Butters, L.</td>
<td>47–52</td>
</tr>
<tr>
<td>Byrnes, W.C.</td>
<td>383–386</td>
</tr>
<tr>
<td>Cameron, I.R.</td>
<td>665–667</td>
</tr>
<tr>
<td>Cavadore, J.C.</td>
<td>515–518</td>
</tr>
<tr>
<td>Cayton, R.M.</td>
<td>81–86</td>
</tr>
<tr>
<td>Cecchin, E.</td>
<td>447</td>
</tr>
<tr>
<td>Chan, L.</td>
<td>143–150</td>
</tr>
<tr>
<td>Chapuy, M.-C.</td>
<td>227–234</td>
</tr>
<tr>
<td>Charhon, S.A.</td>
<td>227–234</td>
</tr>
<tr>
<td>Chassavieux, P.</td>
<td>227–234</td>
</tr>
<tr>
<td>Cheng, K.N.</td>
<td>241–246</td>
</tr>
<tr>
<td>Cheung, C.</td>
<td>143–150</td>
</tr>
<tr>
<td>Clague, M.B.</td>
<td>463–469</td>
</tr>
<tr>
<td>Clamp, J.R.</td>
<td>165–169</td>
</tr>
<tr>
<td>Clarke, B.F.</td>
<td>259–265, 401–405</td>
</tr>
<tr>
<td>Clarke, S.W.</td>
<td>553–555</td>
</tr>
<tr>
<td>Clarkson, P.M.</td>
<td>383–386</td>
</tr>
<tr>
<td>Clement, D.L.</td>
<td>635–640</td>
</tr>
<tr>
<td>Clements, M.R.</td>
<td>659–664</td>
</tr>
<tr>
<td>Cockcroft, A.</td>
<td>519–523</td>
</tr>
<tr>
<td>Collier, J.G.</td>
<td>589–592</td>
</tr>
<tr>
<td>Colston, K.</td>
<td>541–546</td>
</tr>
<tr>
<td>Connell, J.M.C.</td>
<td>93–97</td>
</tr>
<tr>
<td>Cooke, N.T.</td>
<td>319–327</td>
</tr>
<tr>
<td>Corall, R.J.M.</td>
<td>240, 613–616</td>
</tr>
<tr>
<td>Corfield, A.P.</td>
<td>165–169</td>
</tr>
<tr>
<td>Cowley, A.J.</td>
<td>267–269</td>
</tr>
<tr>
<td>Cross, B.A.</td>
<td>617–625</td>
</tr>
<tr>
<td>Cummin, A.R.C.</td>
<td>177–182</td>
</tr>
<tr>
<td>Cumming, A.D.</td>
<td>171–176, 259–265</td>
</tr>
<tr>
<td>Dandona, P.</td>
<td>127</td>
</tr>
<tr>
<td>Davidson, N. McE.</td>
<td>239</td>
</tr>
<tr>
<td>Davies, D.L.</td>
<td>411–416</td>
</tr>
<tr>
<td>Davies, M.</td>
<td>659–664</td>
</tr>
<tr>
<td>Davis, P.B.</td>
<td>507–513</td>
</tr>
<tr>
<td>De Feo, M.L.</td>
<td>183–188</td>
</tr>
<tr>
<td>De Marchi, S.</td>
<td>447</td>
</tr>
<tr>
<td>De Pue, N.</td>
<td>635–640</td>
</tr>
<tr>
<td>Derancourt, J.</td>
<td>515–518</td>
</tr>
<tr>
<td>Dieppe, P.A.</td>
<td>165–169</td>
</tr>
<tr>
<td>Dijkman, J.H.</td>
<td>19–28</td>
</tr>
<tr>
<td>Doig, A.</td>
<td>259–265</td>
</tr>
<tr>
<td>D'Onofrio, F.</td>
<td>535–539</td>
</tr>
<tr>
<td>Douglas, A.R.</td>
<td>665–667</td>
</tr>
<tr>
<td>Douglas, N.J.</td>
<td>401–405</td>
</tr>
<tr>
<td>Drinkwater, C.</td>
<td>319–327</td>
</tr>
<tr>
<td>Drueke, T.</td>
<td>211–215</td>
</tr>
<tr>
<td>Duane, P.</td>
<td>601–603</td>
</tr>
<tr>
<td>Dupouy, J.P.</td>
<td>641–644</td>
</tr>
<tr>
<td>Duprez, D.</td>
<td>635–640</td>
</tr>
<tr>
<td>Düssing, R.</td>
<td>593–599</td>
</tr>
<tr>
<td>Dworzak, F.</td>
<td>241–246</td>
</tr>
<tr>
<td>Earnshaw, M.</td>
<td>471–478</td>
</tr>
<tr>
<td>Eisenhofer, G.</td>
<td>123–125</td>
</tr>
<tr>
<td>Elia, M.</td>
<td>197–204, 205–210</td>
</tr>
<tr>
<td>Erne, P.</td>
<td>459–462</td>
</tr>
<tr>
<td>Ertl, G.</td>
<td>437–444</td>
</tr>
<tr>
<td>Esteller, A.</td>
<td>371–375</td>
</tr>
<tr>
<td>Evans, J.M.</td>
<td>613–616</td>
</tr>
<tr>
<td>Ewing, D.J.</td>
<td>259–265, 401–405</td>
</tr>
<tr>
<td>Fears, L.M.</td>
<td>69–75</td>
</tr>
<tr>
<td>Feldman, R.D.</td>
<td>407–410</td>
</tr>
<tr>
<td>Fench, V.</td>
<td>333–335</td>
</tr>
<tr>
<td>Ferwana, O.S.</td>
<td>11–17</td>
</tr>
<tr>
<td>Feuerstein, T.J.</td>
<td>277–283</td>
</tr>
<tr>
<td>Fick, R.B.</td>
<td>407–410</td>
</tr>
<tr>
<td>Fievet, P.</td>
<td>641–644</td>
</tr>
<tr>
<td>Fitzpatrick, W.J.F.</td>
<td>343–350</td>
</tr>
<tr>
<td>Ford, G.C.</td>
<td>241–246</td>
</tr>
<tr>
<td>Fostermann, U.</td>
<td>277–283</td>
</tr>
<tr>
<td>Fournier, A.</td>
<td>641–644</td>
</tr>
<tr>
<td>Fraser, D.R.</td>
<td>659–664</td>
</tr>
<tr>
<td>Fraser, R.</td>
<td>411–416, 489–495</td>
</tr>
<tr>
<td>Freedman, S.</td>
<td>311–318</td>
</tr>
<tr>
<td>Freestone, S.</td>
<td>151–157</td>
</tr>
<tr>
<td>Frier, B.M.</td>
<td>240</td>
</tr>
<tr>
<td>Fujishima, M.</td>
<td>33–39, 253–258</td>
</tr>
<tr>
<td>Gaiger, E.</td>
<td>247–252</td>
</tr>
<tr>
<td>Gardener, M.L.G.</td>
<td>53–59</td>
</tr>
<tr>
<td>Garlick, P.J.</td>
<td>69–75</td>
</tr>
<tr>
<td>Giese, J.</td>
<td>126–127</td>
</tr>
<tr>
<td>Gillett, M.K.</td>
<td>319–327</td>
</tr>
<tr>
<td>Gillisson, E.</td>
<td>383–386</td>
</tr>
<tr>
<td>Glenville, A.R.</td>
<td>299–303</td>
</tr>
<tr>
<td>Gleeson, M.</td>
<td>501–505</td>
</tr>
<tr>
<td>Goldstein, D.S.</td>
<td>123–125</td>
</tr>
<tr>
<td>Goldstein, S.A.</td>
<td>417–424</td>
</tr>
<tr>
<td>Gonzalez, J.</td>
<td>371–375</td>
</tr>
<tr>
<td>Goode, A.W.</td>
<td>497–500</td>
</tr>
<tr>
<td>Goren, A.</td>
<td>205–210</td>
</tr>
<tr>
<td>Gould, G.A.</td>
<td>401–405</td>
</tr>
<tr>
<td>Gradel, E.</td>
<td>459–462</td>
</tr>
</tbody>
</table>
Author Index

Green, R.  645–651
Green, R.J.  387–393
Gregoire, I.  641–644
Griffiths, E.C.  449–457
Groufsky, A.  479–487

Halliday, D.  241–246
Hamilton, I.  189–196
Hannah, J.A.M.  93–97
Harper, E.  383–386
Harpur, E.S.  377–381
Harris, E.A.  239, 351–359
Harvey, J.  299–303
Heagerty, A.M.  29–32
Heidenreich, S.  593–599
Hidai, K.  425–429
Hillier, K.  361–364
Hilton, P.J.  291–297, 445–446
Hirakata, H.  33–39
Holgate, S.T.  561–572
Holstein-Rathlou, N.-H.  126–127
Hoskins, P.J.  77–80
Howie, A.J.  329–332
Hoy, T.G.  605–611
Hughes, A.  547–552
Hughes, S.  645–651
Hunt, J.S.  305–310, 479–487
Hutton, C.W.  165–169

Idezuki, Y.  425–429
Ikeda, M.  431–436
Inglis, G.C.  93–97, 411–416
Isles, T.E.  41–45
Itabashi, A.  143–150
Iyawo, V.I.  177–182

Jacobi, M.S.  177–182
Jacobs, A.  605–611
James, D.R.  557–560
Jandhyala, B.S.  183–188
Jauregui Adell, J.  515–518
Jeffrey, R.F.  151–157
Jenkins, J.S.  589–592
Jeremy, J.Y.  127
Jung, R.T.  41–45

Kariv, N.  653–657
Kataoka, Y.  105–108
Kawamura, K.  135–141
Keiser, H.R.  123–125
Kelman, A.  47–52
Kenyon, C.J.  93–97
Kinney, J.M.  417–424
Kino, M.  135–141
Kipnouski, J.  593–599
Kirk, C.J.C.  497–500
Kirk, I.  525–529
Kivlighn, S.D.  183–188

Kochsiek, K.  437–444
Kodama, T.  425–429
Kopin, I.J.  123–125
Koshida, H.  431–436
Kosuge, T.  425–429
Kramer, H.J.  593–599
Krams, I.A.  19–28
Krogsgaard, O.W.  217–222
Krupmiek, K.  437–444
Kubo, S.  135–141

Lacour, B.  211–215
La Hive, K.L.  333–335
Lai, C.C.-Y.  407–410
Lane, R.  311–318, 519–523, 627–634

Lanzini, A.  343–350
Leaver, K.D.  617–625
Leckie, B.J.  489–495
Lee, M.R.  151–157
Leek, J.  531–534
Leith, D.E.  333–335
Leslie, P.  41–45
Levy, L.J.  531–534
Leysassac, I.P.  126–127
Lindgarde, F.  109–116
Lindsay, R.M.  171–176
Linnell, J.C.  581–587
Linton, A.L.  171–176
Lloyd, S.  463–469, 471–478
Lokhandwala, M.F.  183–188
Losowsky, M.S.  531–534
Lote, C.J.  377–381
Lucas, P.A.  211–215
Lumb, G.A.  659–664
Lyall, F.  573–579
Lynn, K.L.  305–310, 479–487

Macdonald, T.M.  151–157
MacGregor, G.A.  285–289
Markandu, N.D.  285–289
Martin, A.  593–599
Martin, G.  547–552
Matsubara, T.  431–436
Matthews, D.M.  61–68
Mattiaison, L.  109–116
Maguan, R.J.  501–505
Mawer, E.B.  659–664
Maxwell, J.D.  541–546
McCabe, W.  407–410
McCarron, D.A.  47–52
McCarren, J.W.D.  171–176
McEachern, M.D.  291–297
McFall, V.  645–651
McHardy, K.C.  69–75
McInnes, G.T.  411–416
McKenzie, P.W.  471–478
McNurlan, M.A.  69–75
Meersmann, M.  437–444

Mehta, N.  589–592
Merino, R.A.  235–237
Meunier, P.J.  227–234
Michael, J.  329–332
Mikhalidis, D.P.  127
Milic-Emili, J.  417–424
Milne, E.  69–75
Mion, C.  515–518
Miyamori, I.  431–436
Monaghan, J.C.  223–226
Moore-Gillon, J.C.  665–667
Morise, T.  431–436
Morris, J.  445–446
Morris, J.F.  291–297
Morrison, H.M.  19–28
Morton, J.J.  271–275, 489–495, 573–579
Motomura, K.  33–39
Mourad, G.  515–518
Mulvany, M.J.  291–297
Muñoz, M.E.  371–375
Murphy, K.  617–625
Murray, G.D.  411–416
Mying, N.  217–222

Nagata, Y.  105–108
Nanishi, F.  33–39
Nattrass, M.  81–86
Neale, G.  197–204, 205–210
Nishimura, H.  135–141
Nishioka, A.  135–141
Northfield, T.C.  343–350
Northrop, C.  197–204

O'Hare, J.P.  613–616
Ohno, K.  105–108
Okamoto, S.  431–436
Okuda, S.  33–39
Ollersenhaw, J.D.  29–32
Onoyama, K.  33–39

Pacheco, S.  361–364
Packe, G.E.  81–86
Pacy, P.J.  241–246
Paoiloso, G.  535–539
Parisien, M.  227–234
Passarell, N.  535–539
Pasternack, A.  365–370
Patel, S.  541–546
Patil, C.P.  177–182
Pattanapanyasan, K.  605–611
Perez, G.  235–237
Peters, T.J.  159–163, 601–603
Phillips, M.  617–625
Phipps, D.J.  377–381
Pickles, C.  267–269
Pigozzi, M.G.  343–350
Plumb, J.A.  53–59
Podjarny, E.  653–657
Pope, A.  333–335
<table>
<thead>
<tr>
<th>Author Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poston, L.</td>
<td>291–297, 445–446</td>
</tr>
<tr>
<td>Price, S.C.</td>
<td>11–17</td>
</tr>
<tr>
<td>Pritchard, B.N.C.</td>
<td>99–103</td>
</tr>
<tr>
<td>Pruszczynski, W.</td>
<td>337–341</td>
</tr>
<tr>
<td>Pyke, D.A.</td>
<td>77–80</td>
</tr>
<tr>
<td>Raine, A.E.G.</td>
<td>459–462</td>
</tr>
<tr>
<td>Rainfray, M.</td>
<td>337–341</td>
</tr>
<tr>
<td>Rathaus, M.</td>
<td>653–657</td>
</tr>
<tr>
<td>Reeds, P.J.</td>
<td>69–75</td>
</tr>
<tr>
<td>Reid, W.</td>
<td>259–265</td>
</tr>
<tr>
<td>Rhind, G.B.</td>
<td>401–405</td>
</tr>
<tr>
<td>Richards, A.M.</td>
<td>489–495</td>
</tr>
<tr>
<td>Rizzo, A.</td>
<td>29–32</td>
</tr>
<tr>
<td>Robertson, J.D.</td>
<td>501–505</td>
</tr>
<tr>
<td>Robertson, J.S.</td>
<td>489–495</td>
</tr>
<tr>
<td>Robin, E.D.</td>
<td>299–303</td>
</tr>
<tr>
<td>Robinson, M.F.</td>
<td>525–529</td>
</tr>
<tr>
<td>Ropchak, T.G.</td>
<td>123–125</td>
</tr>
<tr>
<td>Rothkopf, M.</td>
<td>417–424</td>
</tr>
<tr>
<td>Rothwell, J.</td>
<td>189–196</td>
</tr>
<tr>
<td>Rubin, P.C.</td>
<td>47–52</td>
</tr>
<tr>
<td>Rumenapf, G.</td>
<td>117–121</td>
</tr>
<tr>
<td>Rutter, M.</td>
<td>151–157</td>
</tr>
<tr>
<td>Sagnella, G.A.</td>
<td>285–289</td>
</tr>
<tr>
<td>Sakurai, T.</td>
<td>105–108</td>
</tr>
<tr>
<td>Samson, R.R.</td>
<td>151–157</td>
</tr>
<tr>
<td>Sanai, T.</td>
<td>33–39</td>
</tr>
<tr>
<td>Sandle, G.J.</td>
<td>247–252</td>
</tr>
<tr>
<td>Saunders, K.B.</td>
<td>177–182</td>
</tr>
<tr>
<td>Schrier, R.W.</td>
<td>143–150</td>
</tr>
<tr>
<td>Schwartzstein, R.M.</td>
<td>333–335</td>
</tr>
<tr>
<td>Schwille, P.O.</td>
<td>117–121</td>
</tr>
<tr>
<td>Semple, S.G.</td>
<td>617–625</td>
</tr>
<tr>
<td>Sever, P.S.</td>
<td>547–552</td>
</tr>
<tr>
<td>Sgambato, S.</td>
<td>535–539</td>
</tr>
<tr>
<td>Shahira, J.</td>
<td>653–657</td>
</tr>
<tr>
<td>Shapiro, J.I.</td>
<td>143–150</td>
</tr>
<tr>
<td>Sharples, J.A.</td>
<td>645–651</td>
</tr>
<tr>
<td>Shaulak, S.</td>
<td>541–546</td>
</tr>
<tr>
<td>Sheldon, J.W.S.</td>
<td>665–667</td>
</tr>
<tr>
<td>Shiroti, K.-I.</td>
<td>105–108</td>
</tr>
<tr>
<td>Shore, A.C.</td>
<td>285–289</td>
</tr>
<tr>
<td>Silski, C.</td>
<td>507–513</td>
</tr>
<tr>
<td>Simpson, H.C.R.</td>
<td>589–592</td>
</tr>
<tr>
<td>Singer, D.R.</td>
<td>285–289</td>
</tr>
<tr>
<td>Singh, B.M.</td>
<td>81–86</td>
</tr>
<tr>
<td>Sinosich, M.J.</td>
<td>223–226</td>
</tr>
<tr>
<td>Sir, T.</td>
<td>235–237</td>
</tr>
<tr>
<td>Skott, P.</td>
<td>126–127</td>
</tr>
<tr>
<td>Smeaton, I.</td>
<td>471–478</td>
</tr>
<tr>
<td>Smith, C.</td>
<td>361–364</td>
</tr>
<tr>
<td>Smith, C.C.T.</td>
<td>99–103</td>
</tr>
<tr>
<td>Smith, S.E.</td>
<td>291–297</td>
</tr>
<tr>
<td>Snashall, P.D.</td>
<td>319–327</td>
</tr>
<tr>
<td>Solomon, L.R.</td>
<td>645–651</td>
</tr>
<tr>
<td>Soto, J.R.</td>
<td>235–237</td>
</tr>
<tr>
<td>Sraer, J.D.</td>
<td>641–644</td>
</tr>
<tr>
<td>Stainer, K.</td>
<td>267–269</td>
</tr>
<tr>
<td>Stansbie, D.</td>
<td>557–560</td>
</tr>
<tr>
<td>Steinbrooke, R.A.</td>
<td>333–335</td>
</tr>
<tr>
<td>Stidwell, R.P.</td>
<td>617–625</td>
</tr>
<tr>
<td>Stockley, R.A.</td>
<td>19–28</td>
</tr>
<tr>
<td>Stokes, G.S.</td>
<td>223–226</td>
</tr>
<tr>
<td>Stott, D.J.</td>
<td>411–416</td>
</tr>
<tr>
<td>Stull, R.</td>
<td>123–125</td>
</tr>
<tr>
<td>Swales, J.D.</td>
<td>29–32</td>
</tr>
<tr>
<td>Suwa, M.</td>
<td>135–141</td>
</tr>
<tr>
<td>Takata, Y.</td>
<td>253–258</td>
</tr>
<tr>
<td>Takeda, R.</td>
<td>431–436</td>
</tr>
<tr>
<td>Takishita, S.</td>
<td>253–258</td>
</tr>
<tr>
<td>Tapster, S.</td>
<td>247–252</td>
</tr>
<tr>
<td>Taylor, R.G.</td>
<td>553–555</td>
</tr>
<tr>
<td>Theodore, J.</td>
<td>299–303</td>
</tr>
<tr>
<td>Thewles, A.</td>
<td>377–381</td>
</tr>
<tr>
<td>Thom, S.</td>
<td>547–552</td>
</tr>
<tr>
<td>Thomson, C.</td>
<td>525–529</td>
</tr>
<tr>
<td>Tonolo, G.</td>
<td>489–495</td>
</tr>
<tr>
<td>Torecca, R.</td>
<td>535–539</td>
</tr>
<tr>
<td>Torikai, S.</td>
<td>395–399</td>
</tr>
<tr>
<td>Traeger, J.</td>
<td>227–234</td>
</tr>
<tr>
<td>Twentyman, O.P.</td>
<td>561–572</td>
</tr>
<tr>
<td>Ueda, T.</td>
<td>105–108</td>
</tr>
<tr>
<td>Vankessel, A.</td>
<td>299–303</td>
</tr>
<tr>
<td>Van Rij, A.M.</td>
<td>525–529</td>
</tr>
<tr>
<td>Vapaatalo, H.</td>
<td>365–370</td>
</tr>
<tr>
<td>Varriechio, M.</td>
<td>535–539</td>
</tr>
<tr>
<td>Venkatesan, S.</td>
<td>159–163</td>
</tr>
<tr>
<td>Ventura, E.</td>
<td>669–671</td>
</tr>
<tr>
<td>Vernon, P.</td>
<td>319–327</td>
</tr>
<tr>
<td>Vezzoli, C.</td>
<td>669–671</td>
</tr>
<tr>
<td>Vinners, E.</td>
<td>129–133</td>
</tr>
<tr>
<td>Volkmann, H.P.</td>
<td>77–80</td>
</tr>
<tr>
<td>Wade, C.</td>
<td>525–529</td>
</tr>
<tr>
<td>Wallace, E.C.H.</td>
<td>271–275</td>
</tr>
<tr>
<td>Ward, M.K.</td>
<td>463–469,471–478</td>
</tr>
<tr>
<td>Ward, R.J.</td>
<td>159–163</td>
</tr>
<tr>
<td>Watson, M.L.</td>
<td>259–265</td>
</tr>
<tr>
<td>Webber, R.G.</td>
<td>240</td>
</tr>
<tr>
<td>Weinberger, S.E.</td>
<td>333–335</td>
</tr>
<tr>
<td>Weiss, J.W.</td>
<td>333–335</td>
</tr>
<tr>
<td>Weisssmann, C.</td>
<td>417–424</td>
</tr>
<tr>
<td>Wellard, R.M.</td>
<td>87–92</td>
</tr>
<tr>
<td>Wernerman, J.</td>
<td>129–133</td>
</tr>
<tr>
<td>Weston, C.F.M.</td>
<td>613–616</td>
</tr>
<tr>
<td>Whitlock, R.M.L.</td>
<td>351–359</td>
</tr>
<tr>
<td>Wiggins, J.</td>
<td>81–86</td>
</tr>
<tr>
<td>Wiles, P.G.</td>
<td>77–80</td>
</tr>
<tr>
<td>Wilkinson, R.</td>
<td>463–469,471–478</td>
</tr>
<tr>
<td>Willicocks, D.A.</td>
<td>223–226</td>
</tr>
<tr>
<td>Wilson, A.P.</td>
<td>99–103</td>
</tr>
<tr>
<td>Wilson, A.W.</td>
<td>497–500</td>
</tr>
<tr>
<td>Wilson, L.</td>
<td>645–651</td>
</tr>
<tr>
<td>Wintonůik, D.M.</td>
<td>553–555</td>
</tr>
<tr>
<td>Wolff, C.</td>
<td>235–237</td>
</tr>
<tr>
<td>Woodman, G.</td>
<td>553–555</td>
</tr>
<tr>
<td>Wright, P.</td>
<td>197–204</td>
</tr>
<tr>
<td>Wright, A.D.</td>
<td>81–86</td>
</tr>
<tr>
<td>Wright, P.D.</td>
<td>3–10</td>
</tr>
<tr>
<td>Yamashita, Y.</td>
<td>253–258</td>
</tr>
<tr>
<td>Yasuda, T.</td>
<td>105–108</td>
</tr>
<tr>
<td>Zeneroli, M.L.</td>
<td>669–671</td>
</tr>
<tr>
<td>Zubillaga, J.E.</td>
<td>589–592</td>
</tr>
</tbody>
</table>
Volume 73

SUBJECT INDEX

First and last page numbers of papers to which entries refer are given. Page numbers marked with an asterisk refer to Editorial Reviews.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absorption, intestinal</td>
<td></td>
</tr>
<tr>
<td>calcium, influence of citrate</td>
<td>117–121</td>
</tr>
<tr>
<td>peptides</td>
<td>61–68</td>
</tr>
<tr>
<td>preparations in vitro</td>
<td>53–59</td>
</tr>
<tr>
<td>probe molecules</td>
<td>189–196</td>
</tr>
<tr>
<td>Acid–base balance, hypertension</td>
<td>211–215</td>
</tr>
<tr>
<td>Acidosis, metabolic, hypertension</td>
<td>211–215</td>
</tr>
<tr>
<td>Acute phase response, colon, liver, sialic acid</td>
<td>165–169</td>
</tr>
<tr>
<td>Acyl-CoA hydrolases, liver</td>
<td>3–10</td>
</tr>
<tr>
<td>Adenosine 3’:5’-cyclic monophosphate, α₂-adrenoceptors, ageing</td>
<td>507–513</td>
</tr>
<tr>
<td>Adenosine triphosphatase, Na⁺K⁺-dependent</td>
<td></td>
</tr>
<tr>
<td>blood pressure, glucose tolerance</td>
<td>109–116</td>
</tr>
<tr>
<td>chronic bile duct ligation, jaundice</td>
<td>593–599</td>
</tr>
<tr>
<td>ethanol, erythrocytes, leucocytes</td>
<td>387–393</td>
</tr>
<tr>
<td>inhibitor, dopamine receptors</td>
<td>183–188</td>
</tr>
<tr>
<td>inhibitors, dehydration</td>
<td>87–92</td>
</tr>
<tr>
<td>Adenosine triphosphatase, chronic bile duct ligation, jaundice</td>
<td>593–599</td>
</tr>
<tr>
<td>Adenylate cyclase, β-adrenoceptors, cystic fibrosis</td>
<td>407–410</td>
</tr>
<tr>
<td>Adrenal cortex, dopamine, dietary sodium</td>
<td>93–97</td>
</tr>
<tr>
<td>Adrenaline</td>
<td></td>
</tr>
<tr>
<td>blood pressure, hospitalization</td>
<td>135–141</td>
</tr>
<tr>
<td>ethanol</td>
<td>411–416</td>
</tr>
<tr>
<td>haemostasis</td>
<td>240</td>
</tr>
<tr>
<td>platelet function</td>
<td>99–103</td>
</tr>
<tr>
<td>α₂-Adrenoceptors, ageing, platelet aggregation</td>
<td>507–513</td>
</tr>
<tr>
<td>β-Adrenoceptors, adenylate cyclase, cystic fibrosis</td>
<td>407–410</td>
</tr>
<tr>
<td>Adriamycin, nephropathy, renal failure</td>
<td>33–39</td>
</tr>
<tr>
<td>Affinity chromatography, glycoprotein, autoantibodies</td>
<td>479–487</td>
</tr>
<tr>
<td>Age</td>
<td></td>
</tr>
<tr>
<td>α₂-adrenoceptors, platelet aggregation</td>
<td>507–513</td>
</tr>
<tr>
<td>free ω-amino acids</td>
<td>105–108</td>
</tr>
<tr>
<td>Airways disease</td>
<td></td>
</tr>
<tr>
<td>bronchial hyper-responsiveness</td>
<td>561–572*</td>
</tr>
<tr>
<td>⁹⁹ᵐTc-Albumin</td>
<td></td>
</tr>
<tr>
<td>nasal lavage, nasal secretion</td>
<td>217–222</td>
</tr>
<tr>
<td>Alcohol withdrawal</td>
<td></td>
</tr>
<tr>
<td>blood pressure, prostanoids</td>
<td>277–283</td>
</tr>
<tr>
<td>hypomagnesaemia, sympathetic nervous system</td>
<td>447</td>
</tr>
<tr>
<td>Alcoholism, skeletal muscle myopathy, cortisol</td>
<td>601–603</td>
</tr>
<tr>
<td>Aldosterone</td>
<td></td>
</tr>
<tr>
<td>ethanol</td>
<td>411–416</td>
</tr>
<tr>
<td>plasmapheresis</td>
<td>337–341</td>
</tr>
<tr>
<td>secretion, dopamine</td>
<td>93–97</td>
</tr>
<tr>
<td>Aluminium, osteomalacia, dialysis</td>
<td>227–234</td>
</tr>
<tr>
<td>Alveolar gas, diffusion, ventilation distribution</td>
<td>351–359</td>
</tr>
<tr>
<td>Amiloride, lithium clearance</td>
<td>645–652</td>
</tr>
<tr>
<td>Amino acids</td>
<td></td>
</tr>
<tr>
<td>β-forms, ageing, nephropathy</td>
<td>105–108</td>
</tr>
<tr>
<td>flux between organs, surgery, trauma</td>
<td>129–133*</td>
</tr>
<tr>
<td>metabolism, continuous ambulatory peritoneal dialysis</td>
<td>471–478</td>
</tr>
<tr>
<td>turnover, continuous ambulatory peritoneal dialysis</td>
<td>463–469</td>
</tr>
<tr>
<td>γ-Aminobutyric acid, liver disease, encephalopathy</td>
<td></td>
</tr>
<tr>
<td>Ammonium chloride, benzodiazepine receptors, [³H]diazepam binding</td>
<td>669–671</td>
</tr>
<tr>
<td>Amyloidosis, haemodialysis, β₂-microglobin, globin chains</td>
<td>515–518</td>
</tr>
<tr>
<td>Angiotensin II, blood pressure</td>
<td>271–275</td>
</tr>
<tr>
<td>Antidiuretic hormone, diurnal rhythm, atrial natriuretic peptide</td>
<td>489–495</td>
</tr>
<tr>
<td>Arachidonic acid</td>
<td></td>
</tr>
<tr>
<td>inflammatory bowel disease, phospholipids</td>
<td>361–364</td>
</tr>
<tr>
<td>platelets, selenium</td>
<td>525–529</td>
</tr>
<tr>
<td>Arginine vasopressin, cardiovascular reflex activity</td>
<td>589–592</td>
</tr>
<tr>
<td>Arrhythmia, coronary blood flow</td>
<td>437–444</td>
</tr>
<tr>
<td>Ascorbic acid, lymphocytes, plasma, exercise</td>
<td>501–505</td>
</tr>
<tr>
<td>Asthma, exercise, metabolic response</td>
<td>81–86</td>
</tr>
<tr>
<td>Atrial fibrillation, coronary blood flow</td>
<td>437–444</td>
</tr>
<tr>
<td>Atrial natriuretic peptide</td>
<td></td>
</tr>
<tr>
<td>diurnal rhythm, sodium balance</td>
<td>489–495</td>
</tr>
<tr>
<td>frusemide</td>
<td>143–150</td>
</tr>
<tr>
<td>inhibition of release, cardiac pacing</td>
<td>459–462</td>
</tr>
<tr>
<td>mineralocorticoid escape</td>
<td>431–436</td>
</tr>
<tr>
<td>receptor binding</td>
<td>573–579</td>
</tr>
<tr>
<td>sodium excretion, saline infusion</td>
<td>285–289</td>
</tr>
<tr>
<td>Autoantibodies, glycoprotein</td>
<td>479–487</td>
</tr>
<tr>
<td>Autonomic neuropathy</td>
<td></td>
</tr>
<tr>
<td>bronchial provocation tests</td>
<td>401–405</td>
</tr>
<tr>
<td>nocturia, diurnal sodium excretion</td>
<td>259–265</td>
</tr>
<tr>
<td>Autonomic regulation, bronchial hyper-responsiveness, smooth muscle</td>
<td>299–303</td>
</tr>
<tr>
<td>Baroreflex, atrial natriuretic peptide release</td>
<td>459–462</td>
</tr>
<tr>
<td>Benzodiazepine receptors, ammonia, mercaptans, short-chain fatty acids</td>
<td>669–671</td>
</tr>
<tr>
<td>Bicarbonate, hypertension, acid–base balance</td>
<td>211–215</td>
</tr>
</tbody>
</table>
Bile acids  binding, protein  343–350
toxinoid disease, thyroid hormone  425–429
Bile duct ligation, jaundice, cardiac and renal function  593–599
Bilirubin, glucuronosyltransferase, substrate induction  371–375
Blood fuel metabolites, exercise, asthma  81–86
Blood pressure  alcohol withdrawal, prostanoids  277–283
chronic bile duct ligation, jaundice  593–599
diurnal variation, angiotensin II  271–275
ethanol  411–416
posture, vasopressin  589–592
puerperal  239
Body weight  colonic neoplasms, lipids  497–500
muscle contraction, ethnic groups  541–546
Bone histomorphometry, osteomalacia, deferoxamine  227–234
Breathlessness  exercise, lung mechanics  311–318
exercise, respiratory resistive loading  627–634
exercise, sensory scaling  519–523
Bronchial hyper-responsiveness  airways disease, pathogenesis, significance  561–572
methacholine, heart–lung transplantation  299–303
Bronchial provocation tests  diabetic autonomic neuropathy  401–405
Bumetanide  glycoproteins, loop of Henle  305–310
Calcium  atrial natriuretic peptide, receptor  573–579
intestinal absorption, citrate  117–121
ionized, hypertension  211–215
Calcium antagonist, hypertension, sympathetic nervous system, vasopressin  253–258
Calcium metabolism disorders, vitamin D deficiency  659–664
Calf blood flow, carotid baroreceptors, neck suction  635–640
Carbidopa, dopamine, frusemide, indomethacin  151–157
Carbon dioxide  end-tidal, ventilation  333–335
sensitivity, exercise  177–182
Carbon monoxide, cigarettes, inhaled smoke  553–555
Cardiac function, chronic bile duct ligation, jaundice  593–599
Cardiac output, water immersion, Doppler ultrasound  613–616
Cardiac pacing, atrial natriuretic peptide release  459–462
Cardiovascular reflexes, diabetic autonomic neuropathy  401–405
Carnitine acyltransferases, liver  3–10
Carotid baroreceptors, calf and finger blood flow, vascular resistance  635–640
Catalase, glomerular injury, puromycin aminonucleoside  329–332
Catecholamines, ethanol  387–393
Cation transport, erythrocytes, menstrual cycle  223–226
Cell injury, collecting duct, post-obstructive concentration defect  395–399
Chlorpropamide alcohol flush, diabetic and normal subjects  77–80
Cigarette smoking, carbon monoxide, inhaled smoke  553–555
Cisplatin, renal function, vasopressin  377–381
Citrate, intestinal absorption of calcium  117–121
Clinical Science, history of  1–2
Cobalamin, homoeostasis, skeletal muscle  581–587
Colitis, phospholipids, arachidonic acid  361–364
Collecting duct, post-obstructive concentration defect, prostaglandin E2  395–399
Colon  acute phase response, sialic acid, glycoconjugates  165–169
inflammatory bowel disease, phospholipids  361–364
Colonic neoplasms, lipids  497–500
Continuous ambulatory peritoneal dialysis  amino acid turnover, nutritional status  463–469
osmotic agents, amino acid metabolism  471–478
Coronary blood flow, atrial fibrillation, arrhythmia  437–444
Cortisol  alcoholism, skeletal muscle myopathy  601–603
ethanol  411–416
Crotin’s disease, phospholipids, arachidonic acid  361–364
Cyclic AMP see Adenosine 3':5'-cyclic monophosphate
Cystic fibrosis, β-adrenoceptors, adenylate cyclase  407–410
Dead space  alveolar gas, ventilation distribution  351–359
measurement  239–240
Deferoxamine, osteomalacia, aluminium  227–234
Dehydration, Na’, K’-adenosine triphosphatase inhibitors  87–92
Dextrose, glomerular permeability, frusemide  365–370
Diabetes mellitus  bronchial provocation tests, cardiovascular reflexes  401–405
chlorpropamide alcohol flush  77–80
energy expenditure  41–45
nocturia, diurnal sodium excretion  259–265
Dialysis  osteomalacia, deferoxamine  227–234
uraemia, potassium transport  247–252
Dietary salt, lithium clearance  645–652
Dihydroxyxymandelic acid, noradrenaline infusion  123–125
Dihydroxyphenylglycol, noradrenaline infusion  123–125
Dimethylsulphide, benzodiazepine receptors, [3H]diazepam binding  669–671
Diurnal excretion, sodium, potassium and water, diabetes mellitus 259–265
Dopamine
  aldosterone secretion 93–97
  frusemide, indomethacin, carbidopa 151–157
Dopamine receptors, sodium pump inhibitor, vascular reactivity 183–188
Doppler ultrasound, cardiac output, water immersion 613–616
Eicosanoids, chronic bile duct ligation, jaundice 593–599
Emphysema, neutrophil elastase 19–28
Encephalopathy, γ-aminobutyric acid, gas–liquid chromatography and radioreceptor assay 531–534
Endogenous digoxin-like immunoreactivity, sodium transport, leucocytes, neonate 291–297
Endothelium-derived relaxing factor, vascular smooth muscle 547–552
Energy expenditure, diabetes mellitus 41–45
Erythrocytes
  cation flux, ethanol 387–393
  cation transport, menstrual cycle 223–226
  hypertension, phosphoinositides 29–32
  magnesium, hypertension, insulin 535–539
  potassium flux, pseudohyperkalaemia 557–560
Erythropoietin, verapamil, secondary polycythaemia 665–667
Ethacrynic acid, glycoproteins, loop of Henle 305–310
Ethanol
  blood pressure, heart rate, metabolic and endocrine changes 411–416
  cation flux, erythrocytes, leucocytes 387–393
  lipogenesis, triacylglycerol 159–163
Ethnic groups, muscle contraction, vitamin D 541–546
51Cr-Ethylendiaminetetra-acetate, intestinal permeability 197–204
Exercise
  ascorbic acid, lymphocytes and plasma 501–505
  breathlessness, hyperventilation 519–523
  breathlessness, lung mechanics 311–318
  carbon dioxide sensitivity, ventilation 177–182
  metabolic response, asthma 81–86
  metabolic and ventilatory responses 417–424
  muscle adaptation 383–386
  respiratory resting loading, breathlessness 627–634
  ventilation, arterial pH 617–625
Fatty acids
  inflammatory bowel disease 361–364
  sodium transport, leucocytes 445–446
Fatty acid synthase, ethanol, fatty liver 159–163
Feeding, protein synthesis, indomethacin 69–75
Ferritin, lymphocyte, phytohaemagglutinin 605–611
Finger blood flow, carotid baroreceptors, neck suction 635–640
Fludrocortisone acetate, mineralocorticoid escape 431–436
Focal glomerular sclerosis, protein restriction 33–39
Forearm, protein metabolism, stable isotope study 241–246
Frusemide
  dopamine, indomethacin, carbidopa 151–157
  glomerular permeability, prostaglandins 365–370
  glycoproteins, loop of Henle 305–310
  lithium clearance 645–652
  natriuresis, atrial natriuretic peptide 143–150
Gas exchange, exercise 417–424
Globin chains, amyloidosis, β₂-microglobulin 515–518
Glomerular filtration rate
  atrial natriuretic peptide, frusemide 143–150
  blood pressure, hospitalization 135–141
  glomerular permeability, frusemide, prostaglandins 365–370
Glucose tolerance, blood pressure, Na⁺, K⁺-dependent adenosine triphosphatase 109–116
Glucuronosyltransferase, bilirubin, substrate induction 371–375
Glutathione, hyperthyroidism, sulphobromophthalein 235–237
Glutathione peroxidase, platelets, selenium 525–529
Glycoconjugates, acute phase response, colon 165–169
Glycoproteins
  autoantibodies, enzyme-linked immunosorbent assay 479–487
  diuretics, loop of Henle 305–310
  5-Guanilylimidodiphosphate, atrial natriuretic peptide, receptor 573–579
Haemodialysis, amyloidosis, globin chains, β₂-microglobulin 515–518
Haemodynamics, water immersion, Doppler ultrasound 613–616
Haemorrhage, vitamin B₁₂, homocysteostasis, skeletal muscle 581–587
Haemostasis, adrenaline, vasopressin 240
Heart–lung transplantation, bronchial hyper-responsiveness, autonomic regulation 299–303
Heart rate, ethanol 411–416
Helium, inert gas wash-in, alveolar gas mixing 351–359
Histamine, bronchial provocation tests, diabetic autonomic neuropathy 401–405
25-Hydroxyvitamin D, metabolic clearance rate, hyperparathyroidism 659–664
1,25-Hydroxyvitamin D, hyperparathyroidism 659–664
Hypercapnia, breathlessness, ventilation 311–318
Hyperparathyroidism
  osteomalacia, aluminium 227–234
  vitamin D, metabolic inactivation 659–664
Hypertension
  acid–base balance 211–215
  angiotensin II 271–275
  carotid baroreceptors, calf and finger blood flow 635–640
  erythrocyte magnesium level, insulin 535–539
hospitalization, multivariate analysis 135–141
nifedipine, sympathetic nervous system, vasopressin 253–258
phosphoinositides, erythrocytes 29–32
pregnancy, venous tone, posture 267–269
Hyperthyroidism, glutathione, sulphobromophthalein 235–237
Hyperventilation, exercise, breathlessness 519–523
Hypomagnesaemia, alcohol withdrawal, sympathetic nervous system 447
Hypoxia, secondary polycythaemia, verapamil 665–667

Indomethacin
dopamine, frusemide, carbidopa 151–157
glomerular permeability, frusemide 365–370
polyuria, cisplatin 377–381
post-obstructive concentration defect, prostaglandin E2 395–399
protein synthesis, feeding 69–75
Inflammation, acute phase response, colon 165–169
Inflammatory bowel disease, phospholipids, arachidonic acid 361–364
Insulin
erthrocyte magnesium level, hypertension 535–539
ethanol 411–416
plasmapheresis 337–341
Intestine, permeability 189–196, 197–204, 205–210
Intestine, large, potassium transport, uraemia 247–252
Intestine, small
peptide absorption, sodium 61–68
permeability, probe molecules 189–196
preparation in vitro, histology 53–59
Ischaemia
acute renal failure 11–17
Jaundice, chronic bile duct ligation, cardiac and renal function 593–597

Kallikrein
diabetes mellitus, urinary volume and sodium 259–265
Kidney
acute renal failure, ischaemia 11–17
failure, protein restriction 33–39
lithium clearance 645–652
vitamin B12, homocysteosis 581–587
Kidney function
chronic bile duct ligation, jaundice 593–599
cisplatin 377–381
essential hypertension 135–141
thromboxane synthetase inhibition 171–176
Lactulose, intestinal permeability 197–204
Leucine, metabolism, forearm 241–246
Leucocytes
cation flux, ethanol 387–393
sodium transport, free fatty acids 445–446
sodium transport inhibitor, neonate 291–297
Lewis, Thomas 1–2*
Lidocaine, erythrocyte magnesium level and microviscous, hypertension 535–539
Lipids
colon neoplasm 497–500
solubilization, bile acid–protein binding 343–350
Lipoprotein, ethanol, fatty liver 159–163
Lipoxygenase, platelets, selenium 525–529
Lithium clearance
dietary salt, frusemide, amilorida, 645–652
osmotic diuresis 126–127
Liver
acute phase response, sialic acid, glycoconjugates 165–169
acyl-CoA hydrolases 3–10
carnitine acyltransferases 3–10
ethanol, lipogenesis, triacylglycerol 159–163
vitamin B12, homocysteosis 581–587
Liver disease, gamma-aminobutyric acid, gas–liquid chromatography and radioreceptor assay 531–534
Loop of Henle
diuretics, glycoproteins 305–310
post-obstructive concentration defect, prostaglandin E2 395–399
Lung, transmission/emission scanning, [18F]fluorodeoxyglucose 319–327
Lung mechanics, breathlessness, exercise 311–318
Lymphocytes
ascorbic acid, exercise 501–505
ferritin, phytohaemagglutinin 605–611
Magnesium
erthrocytes, hypertension, insulin 535–539
ethanol 411–416
Mannitol, intestinal permeability 197–204
Mass fragmentography, serum bile acids, thyroid disease 425–429
Menstrual cycle, cation transport, erythrocytes 223–226
Metformin, diabetes mellitus, energy expenditure 41–45
Methacholine, bronchial hyper-responsiveness, autonomic regulation 299–303
beta2-Microglobulin, amyloidosis, globin chains 515–518
Microviscosity, erythrocytes, hypertension, insulin 535–539
Mineralocorticoid escape, atrial natriuretic peptide 431–436
Mitochondrial function, chronic bile duct ligation, jaundice 593–599
Muscle
adaptation, exercise 383–386
efficiency, exercise 417–424
Muscle contraction, ethnic groups, vitamin D 541–546
Muscle, skeletal
chronic alcoholic myopathy, pseudo-Cushing’s syndrome 601–603
vitamin B12, homocysteosis, haemorrhage 581–587
Muscle, smooth, bronchial hyper-responsiveness, methacholine 299–303
Myocardium, ischaemia, atrial fibrillation 437–444
Nasal lavage, secretion, $^{99m}$Tc-albumin 217–222
Nasal secretion, lavage, $^{99m}$Tc-albumin 217–222
Natriuresis, mineralocorticoid escape 431–436
Neck suction, finger and calf blood flow 635–640
Neonate, sodium transport inhibitor, leucocytes 291–297
Nephropathy
free t-amino acids 105–108
puromycin aminonucleoside, catalase, superoxide dismutase 329–332
Neutrophil elastase, inhibitor, sputum 19–28
Nifedipine, hypertension, sympathetic nervous system, vasopressin 253–258
Nocturia, autonomic diabetic neuropathy, kalikrein 259–265
Noradrenaline
blood pressure, hospitalization 135–141
dihydroxyphenylglycol, dihydroxymandelic acid 123–125
ethanol 411–416
platelet function 99–103
Nutritional status, continuous ambulatory peritoneal dialysis 463–469
Obstructive airways disease, exercise, lung mechanics 311–318
Occlusion method, renal ischaemia 11–17
Octanoic acid, benzodiazepine receptors, $[^{3}H]$diazepam binding 669–671
Osmotic agents, continuous ambulatory peritoneal dialysis 471–478
Osmotic diuresis, lithium clearance 126–127
Osteomalacia, dialysis, deferoxamine 227–234
Parenteral feeding, colonic neoplasms, lipids 497–500
Peptides, intestinal absorption, sodium 61–68
Pergolide, sodium pump inhibitor, vascular reactivity 183–188
Permeability
intestinal 189–196, 197–204
intestinal, starvation 205–210
$[^{99m}$Tc$]$Pertechnate, lung, scanning 319–327
pH, arterial, exercise 617–625
Pharmacodynamics, propranolol, pregnancy 47–52
Pharmacokinetics, propranolol, pregnancy 47–52
Phosphoinositides, erythrocytes, hypertension 29–32
Phospholipids, inflammatory bowel disease, arachidonic acid 361–364
Plasmapheresis, hormonal changes 337–341
Platelet aggregation
ageing, $\alpha_{2}$-adrenoceptors 507–513
catecholamines 99–103
Platelets, lipooxygenase, selenium 525–529
Polycythaemia, hypoxia, verapamil 665–667
Posture
blood pressure, vasopressin 589–592
venous tone, pregnancy-induced hypertension 267–269
Potassium
diurnal excretion, diabetes mellitus 259–265
ethanol 411–416
Potassium flux, erythrocytes 557–560
Potassium transport
ethanol 387–393
uræmia, dialysis 247–252
Pregnancy, propranolol, pharmacodynamics, pharmacokinetics 47–52
Propranolol, pregnancy, pharmacokinetics 47–52
Prostacyclin
blood pressure, alcohol withdrawal 277–283
platelet sensitivity, noradrenaline 99–103
vascular disorders, surgery 127
Prostaglandin E, blood pressure, alcohol withdrawal 277–283
Prostaglandin E₂
post-obstructive concentration defect, collecting duct 395–399
sodium loading 653–657
Prostaglandin F₂α, sodium loading 653–657
Prostaglandins
excretion, cisplatin
glomerular permeability, frusemide 365–370
Protein, dietary, bile acid binding 343–350
Protein metabolism, forearm, stable isotope study 241–246
Protein restriction, nephropathy 33–39
Protein synthesis, feeding, indomethacin 69–75
$\alpha_{1}$-Proteinase inhibitor deficiency, neutrophil elastase 19–28
Proteinuria, glomerular permeability, frusemide 365–370
Pseudo-Cushing’s syndrome, alcoholism, skeletal muscle myopathy 601–603
Pseudo-hyperkalaemia, erythrocyte potassium flux, quinine 557–560
Pueperium, blood pressure 239
Puromycin aminonucleoside, glomerular injury, catalase, superoxide dismutase 329–332
Quinine, erythrocyte potassium flux, pseudo-hyperkalaemia 557–560
Radioimmunoassay, prostanoids, urine 277–283
Receptors, atrial natriuretic peptide 573–579
Renin
dopamine, frusemide 151–157
ethanol 411–416
plasmapheresis 337–341
Renin–angiotensin–aldosterone system, diurnal rhythm, atrial natriuretic peptide 489–495
Renin–angiotensin system, blood pressure, hospitalization 135–141
Respiratory resistive loading, exercise, breathlessness 627–634
Scaling, visual analogue
breathlessness, exercise 311–318
exercise, respiratory resistive loading 627–634
Subject Index

Scanning, lung, $^{99m}$Tc-pertechnate 319–327
Selenium, lipoxgenase, platelets 525–529
Sialic acid, acute phase response, colon, liver 165–169
Smoking, see Cigarette smoking
Smooth muscle, see Muscle, smooth
Sodium
blood pressure, glucose tolerance 109–116
dependency, small intestinal peptide uptake 61–68
dietary, dopamine 93–97
distal delivery, atrial natriuretic peptide, frusemide 143–150
diurnal excretion, diabetes mellitus 259–265
dopamine, frusemide 151–157
ethanol 411–416
excretion, atrial natriuretic peptide 285–289
$Na^+\cdot K^+\cdot$-adenosine triphosphatase inhibitors 87–92
prostanoid synthesis 653–657
Sodium balance, diurnal rhythm, atrial natriuretic peptide 489–495
Sodium transport
ethanol 387–393
free fatty acids, leucocytes 445–446
inhibitor, leucocytes, neonate 291–297
Stable isotopes, protein and leucine metabolism, forearm 241–246
Starvation, intestinal permeability 205–210
Substrate induction, glucuronosyltransferase, bilirubin 371–375
 Sulphobromophthalein, hyperthyroidism, glutathione 235–237
 Sulphonylurea, diabetes mellitus, energy expenditure 41–45
 Sulphur hexafluoride, inert gas wash-in, alveolar gas mixing 351–359
 Superoxide dismutase, glomerular injury, puromycin aminonucleoside 329–332
Surgery
interorgan amino acid flux 129–133*
vascular disorders, prostacyclin 127
Sympathetic nervous system
alcohol withdrawal, hypomagnesaemia 447
hypertension, nifedipine 253–258
Tamm–Horsfall glycoprotein, autoantibodies 479–487
Technetium, scanning, lung 319–327
Thromboxane, inhibition of synthesis, renal function 171–176
Thromboxane A$_2$, blood pressure, alcohol withdrawal 277–283
Thromboxane B$_2$, sodium loading 653–657
Thromboxane synthetase inhibitor, renal function 171–176
Thyroid disease, serum bile acids, thyroid hormone 425–429
Thyroid hormone, serum bile acids, thyroid disease 425–429
Thyrotrophin-releasing hormone, clinical applications 449–457*
Trauma, interorgan amino acid flux 129–133*
Triacylglycerol, ethanol, fatty liver 159–163
Ulcerative colitis, phospholipids, arachidonic acid 361–364
Uraemia, potassium transport, large intestine 247–252
Uric acid, blood pressure, sodium 109–116
Urine volume, kallikrein, diabetes mellitus 259–265
Vascular reactivity, sodium pump inhibitor, dopamine receptors 183–188
Vascular resistance, calf and finger blood flow, neck suction 635–640
Vascular smooth muscle, endothelium-derived relaxing factor 547–552
Vasopressin
cardiovascular reflex activity 589–592
haemostasis 240
hypertension, nifedipine 253–258
plasmapheresis 337–341
polyuria, cisplatin 377–381
Venous tone, pregnancy-induced hypertension, posture 267–269
Ventilation
arterial pH, exercise 617–625
carbon dioxide 333–335
exercise, breathlessness 311–318
exercise, carbon dioxide sensitivity 177–182
Ventilation distribution, alveolar gas, dead space 351–359
Ventilatory equivalents, exercise 417–424
Ventilatory stimulation, exercise 519–523
Verapamil, secondary polycythaemia, erythropoietin 665–667
Vitamin B$_{12}$, homeostasis, skeletal muscle 581–587
Vitamin D, metabolic inactivation, primary hyperparathyroidism 659–664
Vitamin D deficiency, muscle contraction, ethnic groups 541–546
Water
diurnal excretion, diabetes mellitus 259–265
Water immersion
haemodynamics 613–616