

- A**
 Abraham, Achamma 1058
 Adams, David R. 1058
 Ahmed, Tariq 967
 Allcock, Robert W. 1058
 Amniai, Laziza 1006
 Ando, Kunie 996, 1001
 Andrews, Peter W. 1046
 Angrand, Pierre-Olivier 883
 Ashe, Mark P. 1131
 Authelet, Michèle 1001
 Avila, Jesús 977
- B**
 Baillie, George S. 1058
 Baker, Andrew H. 1058
 Balschun, Detlef 967
 Barbaric, Ivana 1046
 Barbot, Bérangère 967
 Begard, Séverine 967
 Beggs, Jean D. 1105
 Belarbi, Karim 967
 Blanchard, Julie 962
 Blum, David 967
 Brion, Ingrid 967
 Brion, Jean-Pierre 996, 1001
 Brown, Jeremy D. 1093
 Buée, Luc 967, 1006
 Buée-Scherrer, Valérie 967
 Burnouf, Sylvie 967
 Burton, Peter 1058
 Bushell, K. Mark 919
- C**
 Caillierez, Raphaëlle 967
 Campbell, Susan G. 1131
 Chen, Jiandong 1082
 Clarke, Richard 914
 Connolly, Bernadette 1125
 Cowan, Catherine M. 988
 Cryle, Max J. 934
- D**
 Danovi, Davide 1067
 De Decker, Robert 1001
 Demeyer, Dominique 967
 Denning, Chris 1037
 D'Hooge, Rudi 967
 Dick, Emily 1037
 Duc, Céline 1077
 Dunn, Elizabeth A. 1099
 Dupree, Paul 923
 Dyson, Michael R. 908
- E**
 Edgar, David 1062
 Engel, Tobias 977
- F**
 Falk, Anna 1067
 Fernandez-Gomez, Francisco 967
 Fuente Mora, Cristina 1062
- G**
 Garg, Sarika 955
 Gide, Jacqueline 1051
 Gilmour, Jane 1058
 Gokhale, Paul J. 1046
 Gómez De Barreda, Elena 977
 Gong, Cheng-Xin 962
 Graham, Sheila V. 1116
 Grammenoudi, Sofia 981
 Greenhough, Sebastian 1033
 Grosjean, Marie-Eve 967
 Grundke-Iqbal, Inge 962
 Guthrie, Chris R. 973
- H**
 Hahn, Daniela 1105
 Halestrap, Andrew P. 841
 Hamdane, Malika 967, 1006
 Hanger, Diane P. 1012, 1016
 Harding, Stephen E. 901
 Haris, Parvez I. 940
 Harrison, Neale 1125
 Haussmann, Irmgard U. 1122
 Hay, David C. 1033
 Heraud, Céline 996, 1001
 Hernández, Félix 977
 Hogg, Rebecca 1110
 Hornyik, Csaba 1077
 Houslay, Miles D. 1058
 Humphreys, Peter 1067
 Huvent, Isabelle 1006
- I**
 Iqbal, Khalid 962
- J**
 Janes, Robert W. 861
 Jiang, Zhong 1058
 Jones, Christopher I. 1137
- K**
 Kabova, Anna 1001
 Kalkan, Tuzer 1027
 Kane, Nicole M. 1058
 Kenny, Simon E. 1062
 Kivipelto, Miia 1021
 Klenerman, David 914
 Kosmidis, Stylianos 981
 Kraemer, Brian C. 973
- L**
 Ladbury, John E. 888
 LaFera, Frank M. 993
 Landrieu, Isabelle 1006
- L**
 Laustriat, Delphine 1051
 Le Faou, Perrine 883
 Leoni, Valerio 1021
 Leroy, Arnaud 1006
 Leroy, Karelle 996, 1001
 Leung, Eileen 1093
 Levy, Emmanuel D. 879
 Lewis, Richard J. 928
 Li, Min 1122
 Lilley, Kathryn S. 923
 Lippens, Guy 1006
 Liu, Fei 962
 Lucas, Jose J. 977
 Lui, Jennifer 1131
- M**
 Maltman, Daniel J. 1072
 Mandelkow, Eckhard 955
 Mandelkow, Eva-Maria 955
 Marles-Wright, Jon 928
 Martin, Stephen 919
 Maurage, Claude-Alain 967
 McAbney, John 1058
 McCahill, Angela 1058
 McFarlane, Melanie 1116
 McGrail, Joanne C. 1110
 McKenzie, Fergus R. 1058
 Medine, Claire N. 1033
 Milligan, Graeme 1058
 Mitchell, Phil 1088
 Mountford, Joanne C. 1058
 Mudher, Amritpal 953, 988
 Müller, Berndt 1125
 Murray, Patricia 1062
- N**
 Nan, Ruodan 894
 Newbury, Sarah F. 1137
 Norbury, Chris J. 1150
- O**
 Obriot, Hélène 967
 O'Keefe, Raymond T. 1110
 Okemefuna, Azubuike I. 894
 Orte, Angel 914
- P**
 Papanikolopoulou, Katerina 981
 Perkins, Stephen J. 894
 Peschanski, Marc 1051
 Pettitt, Jonathan 1125
 Pollard, Steven M. 1067
 Pooler, Amy M. 1012
 Przyborski, Stefan A. 1072
- R**
 Rader, Stephen D. 1099
 Rajamohan, Divya 1037
- R**
 Rak-Raszewska, Aleksandra 1062
 Ranghini, Egon 1062
 Rataj, Katarzyna 1077
 Ronksley, Jonathon 1037
 Rowe, Arthur J. 901
- S**
 Segura, Marcelo P. 923
 Sergeant, Nicolas 967
 Shepherd, David 988
 Short, Robert D. 1062
 Sibille, Nathalie 1006
 Simpson, Gordon G. 1077
 Skoulakis, Efthimios M.C. 953, 981
 Smet-Nocca, Caroline 1006
 Smith, Austin G. 1027, 1067
 Soller, Matthias 1122
 Söllner, Christian 919
 Solomon, Alina 1021
 Stansfield, Ian 1125
 Suain, Valérie 1001
 Sutcliffe, Michael J. 875
 Swan, Daniel 1144
- T**
 Teichmann, Sarah A. 879
 Tensaot, Hayeit 1062
 Terzi, Lionel C. 1077
 Tinsley, Jon 1067
 Troquier, Laëtitia 967
- V**
 Van der Jeugd, Anneke 967
 Vasilev, Krasimir 1062
 Vasilyev, Vadim B. 947
 Venkatakrishnan, A.J. 879
 Vickers, Richard 1067
 Völkel, Pamela 883
- W**
 Wagner, Eric J. 1082
 Wallace, B.A. 861
 Wang, Xiaochuan 962
 Wang, Yipeng 955
 Werner, Andreas 1144
 Wheeler, Jeanna M. 973
 Wieruszkeski, Jean-Michel 1006
 Williamson, Mike P. 875
 Wilm, Bettina 1062
 Wray, Jason 1027
 Wray, Selina 1016
 Wright, Gavin J. 919
- Y**
 Yilmaz, Zehra 1001

- A**
 abnormally hyperphosphorylated tau, 962
 adenosine deaminase, 1058
 aggregation, 955, 967
 aggresome, 973
 alternative polyadenylation, 1077, 1122
 alternative splicing, 1122
 Alzheimer's disease, 953, 955, 962, 973, 981, 988, 993, 996, 1001, 1006, 1012
 amide shift, 940
 amyloid, 988, 996
 amyloid β -peptide (A β), 993
 analytical ultracentrifugation (AUC), 894, 901
 antisense RNA, 1077
 apolipoprotein E (ApoE), 1021
 ATP-binding cassette (ABC), 1021
- B**
Bacillus subtilis, 928
 biomolecular interaction, 888
 blue native gel electrophoresis, 923
 brain, 841
 Brr2 protein, 1105
- C**
 C1D, 1088
 caeruloplasmin, 947
 cardiomyocyte, 1037
 cardioprotection, 841
 carrier protein, 934
 cell culture, 1033, 1072
 cellular recognition, 919
 cervical cancer, 1116
 chemical functional group, 1062
 chemical screen, 1067
 chromatin, 1077
 Cid1, 1150
 circular dichroism spectroscopy (CD spectroscopy), 861
 cleavage and polyadenylation specificity factor (CPSF), 1082
 complement, 894
 complement factor H (CFH), 894
 complex symmetry, 879
 C-reactive protein (CRP), 894
 CYP107H1, 934
 cytochrome P450, 934
- D**
 dementia, 1016, 1021
 dentate gyrus, 977
 development, 1137
 differentiation, 1062
Drosophila, 981, 988, 1137
 drug design, 888
 drug discovery, 1033, 1046, 1072
 drug safety, 1037
- E**
 early 2 protein (E2 protein), 1116
 EGP-body, 1131
 electrophysiology, 1037
 embryonic lethal abnormal visual system (ELAV), 1122
 embryonic stem cell, 1027, 1033, 1046
 endogenous short interfering RNA, 1144
- enthalpic efficiency, 888
 eukaryote, 1125
 exosome, 1093
 extracellular protein, 919
- F**
 fatty acid, 934
 fission yeast, 1150
 flowering time control, 1077
 Fourier-transform infrared spectroscopy (FTIR spectroscopy), 940
 fragmentation, 955
 frontotemporal dementia with parkinsonism linked to chromosome 17, 953
 fusion protein, 908
- G**
 gene expression, 1125
 genetic screening, 908
 glioma, 1067
 glucose derepression, 1131
 glycogen synthase kinase 3 (GSK3), 977, 1027
 granulocyte colony-stimulating factor (G-CSF), 940
 ground state, 1027
- H**
 heart, 841
 heparin, 1006
 hepatic endoderm, 1033
 high-content screening, 1046
 high-throughput method, 875
 high-throughput screening, 919, 923, 1046
 homomer, 879
 human embryonic stem cell, 1037, 1051, 1058
 human induced pluripotent stem cell, 1037
 human papillomavirus (HPV), 1116
- I**
 induced pluripotent stem cell, 1033, 1046, 1051
 inflammation, 947
 infrared spectroscopy, 940
 Integrator complex, 1082
 interaction interface, 879
 interaction proteomics, 883
 interactome, 875
in vitro model, 1072
 isothermal titration calorimetry (ITC), 888
 isotopic labelling, 940
- K**
 kidney stem cell, 1062
 kinase, 928, 1012
 kinase inhibitor, 1067
- L**
 La, 1093
 β -lactamase, 1082
 lactoferrin, 947
 Lcp5, 1088
 lead optimization, 888
- library, 908
 live imaging, 1067
 liver X receptor (LXR), 1021
 low-affinity interaction, 919
- M**
 macromolecular complex, 861
 mass spectrometry, 883
 membrane, 1012
 metabolon, 875
 metazoan, 1125
 microRNA (miRNA), 1137
 microtubule, 953, 977, 981, 988
 microtubule-associated protein, 962
 mitochondrion, 841
 mitogen-activated protein kinase (MAPK), 1027
 monoallelic gene expression, 1144
 mRNA, 1137
 mRNA localization, 1131
 mRNA turnover, 1150
 mushroom body neuron, 981
 myeloperoxidase, 947
- N**
 natural antisense transcript, 1144
 nervous system development, 1122
 neural stem cell, 1067
 neurodegeneration, 973, 977
 neurofibrillary pathology, 962
 neurofibrillary tangle (NFT), 953, 973, 993, 996, 1001
 neuroguidin, 1088
 neuronal death, 967
 NineTeen Complex (NTC), 1110
 non-ideality, 901
 non-protein-coding RNA, 1144
 nuclear magnetic resonance spectroscopy (NMR spectroscopy), 1006
 nuclease, 1093
- O**
 oxidation, 934
- P**
 P450_{Biol}, 934
 paired helical filament tau (PHF-tau), 1001
 pathological modelling, 1051
 Pearson correlation, 923
 permeability transition pore (PTP), 841
 pharmacology, 1051
 phosphodiesterase, 1058
 phosphorylation, 967, 977, 981, 1006, 1012, 1016
 pluripotency, 1027, 1058
 podocyte, 1062
 polystyrene scaffold, 1072
 pre-mRNA processing factor 8 (PRP8), 1105
 pre-mRNA splicing, 1099, 1110
 processing body (P-body), 1131
 protein aggregation, 973, 1016
 protein association, 914
 protein characterization, 861
 Protein Circular Dichroism Data Bank (PCDDB), 861
 protein complex, 879, 883

protein domain boundary, 908
protein expression, 908
protein interaction network, 919
protein phosphatase 2A (PP2A), 962
protein-protein interaction, 901, 923, 940, 947
proteolysis, 955, 1016
Proteomic Complex Detection using Sedimentation (ProCoDeS), 923
proximal tubule cell, 1062
Prp19, 1110
Prp24, 1099

Q

QT prolongation, 1037
quaternary structure conservation, 879

R

random imprinting, 1144
receptor, 919
reperfusion injury, 841
retinitis pigmentosa (RP), 1105
RNA cleavage, 1082
RNA polymerase II, 1082
RNA processing, 1093, 1125
RNA splicing, 1125
RNA stability, 1137
RNA turnover, 1137
Rrp6, 1088
Rrp47, 1088

S

Sas10, 1088
sedimentation equilibrium, 901

sedimentation velocity, 901
sequence alignment, 908
serine/arginine-rich protein (SR protein), 1116
signalling, 1027
signal recognition particle (SRP), 1093
signal transduction, 928
single-molecule fluorescence, 914
small nuclear ribonucleoprotein biogenesis (snRNP biogenesis), 1099
small nuclear RNA (snRNA), 1082
spectroscopic method, 861
spen, 1077
spliceosome, 1110
spliceosome assembly, 1099
splicing, 1105
splicing factor 2/alternative splicing factor (SF2/ASF), 1116
sterol, 1021
stress granule, 1131
stressosome, 928
stress response, 928
structural biology, 928
surface plasmon resonance (SPR), 894
synchrotron radiation circular dichroism spectroscopy (SRCD spectroscopy), 861

T

tandem affinity purification (TAP), 883, 923
tandem affinity purification tag (TAP-tag), 875
tau, 953, 955, 967, 973, 977, 981, 993, 996, 1001, 1006, 1012, 1016, 1021

tau knockout, 1001
tauopathy, 953, 955, 962, 988, 996, 1016
tauopathy model, 967
tau transgenic mouse, 1001
T-cell receptor, 914
terminal U-transferase, 1150
three-dimensional cell culture, 1072
toxicity, 996
toxicology, 1051
trafficking, 1012
transcriptional silencing, 1144
translational control, 1131
tri-small nuclear ribonucleoprotein (tri-snRNP), 1105
two-colour coincidence detection, 914
two-hybrid screen, 875

U

U4 small nuclear RNA, 1099
U4/U6 small nuclear ribonucleoprotein, 1105
U6 small nuclear ribonucleoprotein, 1099

W

wnt/wingless signalling, 988

X

X-ray scattering, 894

Y

yeast, 875, 1093