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105	Zaltz, Yael Bracha, Stav	Tracking Auditory Plasticity: fNIRS Insights into Rapid Neural Reorganization Following Brief Auditory Training	Monday	5
106	Jehn, Constantin Vavatzanidis, Niki Katerina Hahne, Anja Reichenbach, Tobias	Decreased envelope suppression of distractor speech drives differences in neural envelope tracking of hearing aid and cochlear implant users	Monday	6
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108	Shujah, Maria Barkat, Tania Rinaldi	Curriculum Learning: sequential acquisition of task complexity enhances neuronal discriminability	Monday	8
110	Steinebach, Janna Reichenbach, Tobias	Attentional Modulation of Otoacoustic Emissions Evoked by Speech-Derived Stimuli: Examining the Role of Resolved and Unresolved Harmonics	Monday	9
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112	Zou, Alexis Wingert, Jereme C. David, Stephen V.	Topography of binaural spectro-temporal tuning in primary auditory cortex	Monday	11



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114	Taylor, James Alexander Jovanovic, Natasa Navntoft, Charlotte Albon, Amelie Rezaei-Mazinani, Shahab Batthelier, Brice Rinaldi Barkat, Tania	Cortical implants enhance hearing restoration and mimic natural auditory processing more closely than cochlear implants	Monday	13
115	Souffi, Samira Nelken, Israel	Early music exposure affects neural activity in the ventral tegmental area (VTA)	Monday	14
116	Levinton, Felicie Boubenec, Yves Shamma, Shihab Feral, Flavien	Action and Perception in the context of a sensorimotor task in the ferret	Monday	15
117	Phokhinnan, Waradon Nordmark, Jonatan Shamma, Shihab Boubenec, Yves	Task engagement modulates spatial coding in the ferret auditory cortex	Monday	16
118	Brechmann, André Stadler, Jörg Angenstein, Nicole Lommerzheim, Marcel Wolff, Susann	Towards real-time policy inference in multidimensional auditory category learning	Monday	17
119	Enan, Mahdi Castellanos, Agustin Lage Auksztulewicz, Ryszard Martino, Federico De	The Laminar Patterns of Predicting Content in Learned Audio-Visual Associations	Monday	18
120	Gouyette, Hortense Sabat, Magdalena Goriachenkov, Arsenii Orhan, Pierre Norman-Haignere, Sam V Boubenec, Yves	Influence of vigilance states on neuronal integration windows in the ferret auditory cortex	Monday	19
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122	Buck, Alexa Dupont, Typhaine Andrews Cavanagh, Rupert Postal, Olivier Bourien, Jérôme Michalski, Nicolas Gourevitch, Boris	The reliability of neural response as a marker of the transition of neural codes along auditory pathways	Monday	21
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128	Norman-Haignere, Sam Keshishian, Menoua Devinsky, Orrin Doyle, Werner McKhann, Guy Schevon, Catherine Flinker, Adeen Mesgarani, Nima	Temporal integration in human auditory cortex is predominantly yoked to absolute time, not structure duration	Monday	26
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180	Muller, Allan Bagur, Sophie Bathellier, Brice	The geometry of cortical sound processing in slow wave sleep	Tuesday	4
181	Barchet, Alice Vivien Bruera, Andrea Wend, Jasmin Rimmele, Johanna M. Obleser, Jonas Hartwigsen, Gesa	Neural Signatures of Attentional Engagement Predict Speech Comprehension in Multitalker Environments	Tuesday	5
182	Michalek, Annika Wenk, Patricia Angenstein, Nicole Budinger, Eike	Effects of punishment on performance and auditory-evoked brain activation patterns in discrimination learning – an auditory fMRI study in the Mongolian gerbil	Tuesday	6
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185	Schneider, Nathan A. Malina, Michael Williamson, Ross S.	Deep-layer projection neurons develop representations of perceptual categories and behavioral choice	Tuesday	9

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187	Zargarneshad, Nima Johnsrude, Ingrid S	Naturalistic Stimulation Evokes Homotopic Functional Connectivity Patterns in the Auditory Cortices That Are Not Present in Resting State	Tuesday	11
188	Nourski, Kirill V. Steinschneider, Mitchell Rhone, Ariane E. Howard, Matthew A.	Transformation of Stimulus- driven into Behavior-driving Activity along the Cortical Auditory Pathways	Tuesday	12
189	Köse-Özkan, Büşra Wang, Weihua Bao, Shaowen	Differential activation of TNFR1 and TNFR2 in cortical parvalbumin-positive neurons following noise trauma	Tuesday	13
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193	Ou, Yongtian Wolter, Mara Cantisani, Giorgia Norman-Haignere, Sam	Invasive and non-invasive human brain recordings to natural sounds are predictable from a shared subspace common across brain regions and participants	Tuesday	17
194	Ginzburg, Jérémie Cloutier Debaque, Émilie Borderie, Arthur Martineau, Laurence Lessard Bonaventure, Paule Zatorre, Robert J Albouy, Philippe	Decoding speech and music from intracranial recordings: evidence for domain-general representations of sound in the human brain	Tuesday	18



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196	Poole, Katarina C. Cappotto, Drew Martin, Vincent Sztandera, Jakub Chait, Maria Picinali, Lorenzo Shiell, Martha	Assessing Behavioral and Neural Correlates of Change Detection in Spatialized Acoustic Scenes	Tuesday	20
197	Tada, Mariko Suda, Yuki Uka, Takanori	Gamma-band auditory steady-state responses (ASSR) are altered differently in the frontal and temporal cortices in awake monkey	Tuesday	21
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200	Wolpert, Max Austin Ding, Nai	Individual rhythms in solo and joint speech	Tuesday	24
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203	Billig, Alexander J Berger, Joel I McWalter, Richard Teichert, Tobias Garcia, Christopher M Kovach, Christopher K Petkov, Christopher I Kawasaki, Hiroto Howard, Matthew A McDermott, Josh H Griffiths, Timothy D	Neural bases of illusory acoustic texture perception	Tuesday	27
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209	Manríquez, Rodrigo Kotz, Sonja A. Ravignani, Andrea de Boer, Bart	A spiking neural network for investigating auditory rhythm processing	Tuesday	33
210	Cavicchiolo, Francesca Gillis, Marlies Johnson, Joseph Francois Puertollano, Marta Prud'homme, Luna Wens, Vincent De Tiège, Xavier Calcus, Axelle	Puberty-related electrophysiological changes underlying speech perception in noise	Tuesday	34

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213	Kotwicka, Zuzanna Alicja Gulban, Faruk Dowdle, Logan Auksztulewicz, Ryszard Moerel, Michelle	Mapping the human thalamic reticular nucleus (TRN) by means of an ultra-high field 7T MRI: Toward a probabilistic atlas	Tuesday	37
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222	Bandreddi, Akhil Boebinger, Dana Skrill, David Nourski, Kirill V. Howard, Matthew A. Garcia, Christopher M. Wychowski, Thomas Pilcher, Webster Norman-Haignere, Sam	Representational disentangling of spoken words and talker identity in the human auditory cortex	Tuesday	46
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225	Levchenko, Egor Razin, Raha Richardson, Simon Gardner, Matthew Chow-Wing-Bom, Hugo Hannon, Kevin Murphy, James Skipper, Jeremy Tierney, Adam Callaghan, Martina Carmichael, David Dick, Fred	Prospective and retrospective evaluation of the efficacy of a new device to reduce head motion during auditory MRI: MR MinMo	Tuesday	49

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232	Hausfeld, Lars Krause, Anna-Lena Wiley, Sabina	Room for the Cocktail Party: Neural Tracking of Target and Distractor Speech in Reverberant Environments	Tuesday	56
233	Jabeen, Talat Fung, Jami Lau, Bonnie	Cortical Gain Enhancement in an Immature Central Auditory System	Tuesday	57
234	Rajendran, Vani G. Marquez, Juan Pablo Prado, Luis Merchant, Hugo	Monkeys have rhythm	Tuesday	58
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237	Domzalski, Tomasz Blenkmann, Alejandro Omar Szurowska, Edyta Basiński, Krzysztof	Investigating hierarchical auditory predictive processing with inharmonic sound sequences	Tuesday	61
238	Yi, Diya Komatsu, Misako Tsunada, Joji	Global cortical dynamics during vocal communication in common marmosets (<i>Callithrix jacchus</i>)	Tuesday	62
240	Barbero, Francesca M. Lenc, Tomas Gallard, Alban Jacoby, Nori Polak, Rainer Foulon, Arthur Moghimi, Sahar Nozaradan, Sylvie	Evidence for neural categorization of rhythm in human newborns	Tuesday	63
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250	Fox*, Lior Rosinski*, Arielle Linden, Jennifer F. Sahani, Maneesh	Investigating the computational principles underlying auditory cortical representations using recurrent networks	Thursday	2
252	Norris, Rebecca H C Tang, Zheyi Aghili, Nadia Bizley, Jennifer K	Auditory selective attention is impacted by the temporal coherence of a task-irrelevant visual stimulus in ferrets	Thursday	3
253	McDermott, Hannah H Enan, Mahdi de Martino, Federico Aukstulewicz, Ryszard	Dissociable dynamic effects of expectation during statistical learning across cortical layers.	Thursday	4
254	Lu, Chen Li, Zimo Sahani, Maneesh Linden, Jennifer F.	Distinct auditory temporal processing deficits contributed by hearing loss and genetic risk for schizophrenia in the Df1/+ mouse	Thursday	5
255	Sehrawat, Kamini Nelken, Israel	Stimulus-Specific Adaptation in auditory cortex and Inferior colliculus	Thursday	6
256	Rushworth, Carl David Asghar, Michael Francis, Susan Krumbholz, Katrin	Investigating the sub-parcellation of the human primary auditory cortex using adaptational properties, cortical myelination and connectomics	Thursday	7
257	Simon, Adele Chait, Maria Linden, Jennifer F.	Role of sound onsets and offsets in cortical tracking of transient events during naturalistic speech listening	Thursday	8

258	Chen, Zhiwei Gentile, Francesco Kurzawski, Jan W. Dowdle, Logan T. Gozukara, Dora Castellanos, Agustin Lage Bonte, Milene	Neural Activation Patterns of Letters and Numbers Overlap in the Temporo-Parieto-Occipital Junction	Thursday	9
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260	Pari, Ram K Inyutina, Marina Dedies, Camille Enriquez-Geppert, Stefanie Marx, Mathieu Herrmann, Christoph S Zoefel, Benedikt	Specific enhancement of neural responses to speech through neurofeedback	Thursday	11
261	Hjortkjær, Jens Watson, Sam Märcher-Rørsted, Jonatan	Age-related changes in cortical neural noise	Thursday	12
263	Li, Wei Benamer, Najate Safieddine, Saaid Barral, Jeremie	Deficits in spike timing and transmission of auditory information in a mouse model lacking ribbon synapses	Thursday	13
264	Aharoni, Moran Drouet, Lucas Huetz, Chloé Edeline, Jean-Marc	Behavioral discrimination between harmonic sounds in mice	Thursday	14
265	Hołubowska, Zofia Anna Herkenberg, Marlen Schönwiesner, Marc	Frequency-elevation mapping is driven by pitch rather than spectral content.	Thursday	15
266	Ferreyra, Christian Plegat, Marie Marinato, Giorgio de Araújo Vitória, Maria Esposito, Michele Formisano, Elia Artières, Thierry Giordano, Bruno L.	Auditory redundant and synergistic representations between brain and artificial neural networks revealed by information-theoretic decomposition	Thursday	16

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268	Vidal, Yamil van Haren, Jorie De Martino, Federico de Lange, Floris P.	How predictions and update signals shape our auditory experience	Thursday	18
269	Kusters, Matthijs Senden, Mario Moerel, Michelle	A neural mass model of the auditory corticothalamic circuitry	Thursday	19
270	Johnson, Joseph Francois Puertollano, Marta Cavicchiolo, Francesca Prud'homme, Luna Rovai, Antonin Wens, Vincent Dobri, Simon De Tiège, Xavier Calcus, Axelle	Neuroplasticity in speech-in-noise processing across pubertal stages: A longitudinal study of adolescent cognitive and auditory development	Thursday	20
271	Tafakkor, Ali Tutton, Madison Motala, Aysha Herrmann, Björn Johnsrude, Ingrid	Probing Connectivity among Auditory Cortex Subdivisions and the Multiple Demand Network During Listening to Clear and Degraded Speech	Thursday	21
272	Härtwich, Nina Deliano, Matthias Budinger, Eike Ohl, Frank W. Dar, Asim H. Tomana, Ewelina Sielużycki, Cezary König, Reinhard May, Patrick J.C.	Lifetimes of sensory memory traces in the auditory cortex of gerbils and humans: an interdisciplinary investigation	Thursday	22



273	Holt, Lori L. Llanos, Fernando Murphy, Timothy K. Wu, Yunan Charles Thorburn, Craig A. Zhou, Lin N. Dick, Frederic Nozari, Nazbanou	Rapid neurodynamic adjustments to cortical speech encoding influence speech production	Thursday	23
274	Ottolin, Fabian Onorato, Irene de Hoz, Livia	Auditory Discrimination and Generalization in Mice Across Different Behavioral Paradigms	Thursday	24
275	Mesquita, Bruno Reichenbach, Tobias Johnsrude, Ingrid	Neural correlates of selective attention to familiar voices.	Thursday	25
276	Rautu, Sabina Bourguignon, Mathieu Wens, Vincent Bertels, Julie De Tiège, Xavier	Vibrotactile enhancement of attended speech cortical tracking in the supratemporal auditory cortex in a cocktail- party scenario	Thursday	26
277	Onorato, Irene de Hoz, Livia McAlpine, David	Role of cortical and subcortical regions in detection of sound statistics	Thursday	27
278	Khandhadia, Amit Zigic, Stefan Wallace, Damien Voit, Kay-Michael Kerr, Jason Bizley, Jennifer	Head movement and behaviour of ferrets during naturalistic auditory localization	Thursday	28
279	Zeppillo, Tommaso Studer, Florian Rinaldi Barkat, Tania	Intensity-tuned neurons in the primary auditory cortex are critical for processing complex sounds	Thursday	29
280	Tarka, Veronica M. Willmore, Ben D. B. King, Andrew J. Gaucher, Quentin Walker, Kerry M. M.	Harmonic and temporal pitch cues are encoded in distinct but overlapping populations of auditory cortical neurons	Thursday	30
281	Marinato, Giorgio Ferreira, Christian Esposito, Michele Plegat, Marie Formisano, Elia Giordano, Bruno L.	Learned semantic associations from real-world events co- occurrences influence the auditory perceptions of naturalistic sounds scenes.	Thursday	31

282	Noyce, Abigail Liang, Wusheng Manjunath, Madhumitha Luthra, Sahil Shinn-Cunningham, Barbara	Mapping functional specializations for auditory cognition in human prefrontal cortex	Thursday	32
283	de Kerangal, Mathilde Varano, Enrico Auernheimer, Jonas Reichenbach, Tobias	Audio-visual enhancement of speech perception across the lifespan: evidence from behavioural and EEG data.	Thursday	33
284	Kim, Su Jin Kuchibhotla, Kishore	The auditory thalamus controls stimulus-driven choices	Thursday	34
285	Blenkmann, Alejandro O Leske, Sabine Volehaugen, Vegard Rezende Carvalho, Vinicius Kochen, Silvia Endestad, Tor Knight, Robert T Solbakk, Anne-Kristin	Intracranial high-frequency activity and oscillatory cortical dynamics of auditory prediction error propagation in humans	Thursday	35
286	Bao, Xiaohan Sabourin, Carina J Huang, Ying Lomber, Stephen G	Temporal Dynamics of Functional Connectivity in Awake Cat Auditory Cortex is Disrupted by Acoustic Stimulations	Thursday	36
287	Li, Zehua Kcriss	Human auditory cortex integrates across similar timescales in music and speech bilaterally	Thursday	37
288	Hübenette, Saira Jameela Solbakk, Anne-Kristin Blenkmann, Alejandro Omar Danielsen, Anne Endestad, Tor	Joint spatial and temporal processing of moving sounds	Thursday	38
289	Kachlicka, Magdalena Jasmin, Kyle Saito, Kazuya Dick, Fred Tierney, Adam	Cue weighting and frontotemporal functional connectivity during speech perception in tonal and non- tonal language speakers	Thursday	39
290	Kachlicka, Magdalena van den Bosch, Jasper	A selection of environmental sounds for behavioural and neuroimaging research: Introducing the EnviSounds dataset	Thursday	40



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291	Nidiffer, Aaron O'Sullivan, Aisling Lalor, Edmund C	Unique contribution of visible articulations on speech perception in noise	Thursday	41
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293	Agrawal, Deepashri Malo, Palash Kumar Issac, Thomas Gregor	Right-Ear Advantage as a Peripheral Signature of Cognitive Resilience in Indian Superagers	Thursday	43
294	Grenier, Anne Sophie Sharp, Andréanne Gotti, Clarisse Borderie, Arthur Chauvette, Loonan Martineau, Laurence Lessard Bonaventure, Paule Coffey, Emily Zatorre, Robert Albouy, Philippe	Tactile Frequency-Following Response measured with intra-cranial recordings in humans	Thursday	44
296	Lenc, Tomas Barbero, Francesca M. Jacoby, Nori Polak, Rainer Varlet, Manuel Molinaro, Nicola Nozaradan, Sylvie	Revealing rhythm categorization in human brain activity	Thursday	45
297	Wolter, Mara Zyryanov, Andrey Oganian, Yulia	Vowel Duration is Encoded Relative to the Contextual Speech Rate throughout Cortical Auditory Processing	Thursday	46
299	Valente, Mafalda de Saa, Juan R. Castineiras Archak, Raghavendra Kaushik Renart, Alfonso	Investigating the Role of Auditory Cortex in Decision-Making	Thursday	47
300	Atesyakar, Nilay Shang, Andrea Bieszczad, Kasia	Enhancing Signal-In-Noise Detection by Learning-Induced Plasticity Mechanisms in the Auditory Cortex	Thursday	48



301	Bartels, Hanne Wouters, Jan van Wieringen, Astrid Sterckx, Brent Lim, Rachel Cushing, Sharon Gordon, Karen	Effect of left versus right ear early childhood deafness on cortical lateralization of auditory steady state responses	Thursday	49
302	Buck, Bryony	Multimodal Coordination in Small-Group Conversations: Towards cortical models of overlapping speech and attention	Thursday	50
303	Chalehchaleh, Amirhossein Jabeen, Talat Dager, Stephen R. Estes, Annette M. John, Tanya St. Di Liberto, Giovanni M. Lau, Bonnie K.	Neural Correlates of Speech Perception in Autistic Children: EEG Investigation of Spatial Cue Processing	Thursday	51
304	Gilliland, Rebekah E Johnston, Kevin D Belin, Pascal Johnsrude, Ingrid Everling, Stefan	High density electrophysiological recordings from the medial voice-patch in marmoset auditory cortex	Thursday	52
305	Lazarova, Yulia Y. Abbatecola, Clement Petro, Lucy S. Baldaque, José M. Haining, Kate Dheerendra, Pradeep Krishnadas, Rajeev De Martino, Federico Porter, David Grent-'t-Jong, Tineke Uhlhaas*, Peter J. Muckli*, Lars F.	Investigating predictive coding mechanisms in the auditory cortex of healthy controls, early schizophrenia patients and clinical high-risk group using 7T fMRI	Thursday	53
306	Liu, Yinuo Perrachione, Tyler	Structural variation in human auditory cortex gyrification revealed by data-driven curvature-based clustering	Thursday	54



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309	Ikeda, Mako Dych, Walter Lim, Sung-Joo	Impact of time-compression and background noise on content memory recall and neural tracking of speech	Thursday	56
310	in 't Zandt, Estelle E Sanes, Dan H	Categorical encoding of gerbil vocalizations by auditory cortex populations	Thursday	57
311	Sinha, Anjali K. Erdil, Gozde Collina, Jared S. Cohen, Yale E. Geffen, Maria N.	Neuronal correlates for auditory categorization and bias in mice	Thursday	58
312	Tezcan, Filiz ten Oever, Sanne Bai, Fan te Rietmolen, Noémie Martin, Andrea E.	Linguistic structure and language familiarity sharpen phoneme encoding in the brain	Thursday	59
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