

Short Curriculum Vitae - Pontus Skoglund

Employment history and degrees

2024- Senior group leader, The Francis Crick Institute
2017-2024 Group leader, The Francis Crick Institute
2014-2017 Postdoctoral research fellow, Harvard Medical School. Advisor: David Reich
2009-2013 PhD Evolutionary genetics, Uppsala University, Advisor: Mattias Jakobsson
2007-2009 MSc Biology, Uppsala University
2004-2007 BSc Biology, Umeå University

Selected awards

Blavatnik Awards for Young Scientists in Life Sciences 2026
Genetics Society Balfour lecture, 2024
Blavatnik Awards for Young Scientists in Life Sciences 2023
EMBO Young Investigator Award, 2021
Bjurzon PhD-thesis prize 2015, Faculty of Science & Technology, Uppsala University
Linnaeus PhD-thesis prize in biology 2014, Royal Society of Sciences, Sweden

Selected grant support

Core funding from the Francis Crick Institute, 2025-2031
ERC Consolidator award (funded by UKRI Horizon guarantee) 2023, 2,000,000 EUR
Vallee Foundation Scholar, 2019, 300,000 USD
Wellcome Trust Investigator Award in Science, 2018, 1,700,000 GBP
ERC Starting award, 2018, 1,500,000 EUR
Core funding from the Francis Crick Institute, 2017-2024
Genome sequencing grant, Science for Life Laboratory, 2015, 388,000 SEK
Genome sequencing grant, Erik Philip Sorensen foundation, 2015, 221,000 SEK
Postdoctoral fellowship, Swedish Research Council, 2014, 2,625,000 SEK
Postdoctoral fellowship, Wenner-Gren foundations, 2014, 41,652 USD
2-year PhD scholarship, Sven and Lilly Lawski Foundation, 2009, 264,000 SEK

Selected publications (*co-first authors, †co-senior authors, lab members underlined)

Full list of publications at Google Scholar: <https://scholar.google.com/citations?user=KJcADbYAAAAJ>

As Senior group leader 2024-current

M Silva, T Booth, K Anastasiadou, J McCabe, C Barrington, M Kelly, M Williams, Y Mohamedy, M Masters, A Gilardet, S Johnston, F Tait, P Swali, J Peto, I Glocke, S Leggett, LJ Koster, H Fewlass, B van Tiel, E Bealin-Kelly, MR Crawford, O R Aldred, M G Allen, E Biddulph, C Booth, C V Boston, A Bricking, L Brown, K Buckland, C Clarke, E Craig-Atkins, NGW Curtis, A Davie, G Delbarre, J Du Preez, L H Evis, C Falys, M Gibson, D Gilbert, K A Hemer, A Hood, M Hoole, ANRH Kreisheh, M G Knight, S Mays, K Parfitt, A J E Pryor, R Redfern, K L Sayle, J Seaman, C Shell, S Stark, M C Stoakley, AC Teoaca, J E Thompson, D Walker, G Western, H Wilmott, A Witkin, A Young, S J Clough, J A Sheridan, MA Grzybowska, L Loe, MR Holst, RJ Schulting, K Britton, G Noble, I Armit, J Buckberry, I Barnes, S Brace, MG Thomas, L Girdland-Flink, A Maldonado, P Heather, JC Lee, L Speidel, **P Skoglund** (2026) Genomic history and selection in Roman and early medieval Britain, [bioRxiv preprint](#), DOI:10.64898/2026.04.28.721361
A Bergström, A Furtwängler, S Johnston, E Rosengren, A Breidenstein, T Booth, JB McCabe, J Peto, M Williams, M Kelly, F Tait, C Baumann, R Radzeviciute, C Barrington, K Anastasiadou, A Gilardet, I Glocke, M Sherman, A Brativnyk, A Herbig, K Prüfer, S Pfrengle, J Gretzinger, T R Feuerborn, E Reiter, A Linderholm, S Charlton, F Racimo, L Mikkola, H Anderson-Whymark, D Baird, A B Gotfredsen, H Bocherens, A Bridault, R Brocke, D G Drucker, A S Fairbairn, L Frantz, B Gasparyan, L Giemsch, M Germonpré, L Janssens, A W Kandel, K Kjær, M Lázničková-Galetová, D Loponte, O Magnell, L Martin, S C Münzel, G Mustafaoğlu, B Måge, A Perri, F Pfenninger, M Roblíčková, A Roman-Binois, Ö Saritaş, K Schöpfi, JA Sheridan, K-G Sjögren, J Storå, L V Sørensen, Y Tafelmaier, F Ter-Nedden, O Thalmann, G Larson, V J Schuenemann, J Krause, **P Skoglund** (2026) Genomic history of early dogs in Europe, [Nature](#), 651:986–994

- L Girdland-Flink*, [A Bergström*](#), J Storå, E Ersmark, J Apel, M Krzewinska, L Dalén, A Götherström, **P Skoglund** (2025) Gray wolves in an anthropogenic context on a small island in prehistoric Scandinavia, [PNAS](#), 122(48):e2421759122
- [A Morez Jacobs](#), J D Irish, A Cooke, [K Anastasiadou](#), C Barrington, [A Gilardet](#), [M Kelly](#), [M Silva](#), [L Speidel](#), [F Tait](#), [M Williams](#), N Brucato, F-X Ricaut, C Wilkinson, R Madgwick, E Holt, A J Nederbragt, E Inglis, [M Hajdinjak](#), **P Skoglund**[§], L Girdland-Flink[§] (2025) Whole-genome ancestry of an Old Kingdom Egyptian, [Nature](#), 644:714-721
- [P Swali](#), [T Booth](#), CC Tan, [J McCabe](#), [K Anastasiadou](#), C Barrington, M Borrini, A Bricking, J Buckberry, L Büster, R Carlin, [A Gilardet](#), I Glocke, J Irish, [M Kelly](#), M King, F Petchey, [J Peto](#), [M Silva](#), [L Speidel](#), [F Tait](#), A Teoaca, V Valoriani, [M Williams](#), R Madgwick, G Mullan, L Wilson, K Cootes, I Armit, MG Gutierrez, L van Dorp, **P Skoglund** (2025) Ancient *Borrelia* genomes document the evolutionary history of louse-borne relapsing fever, [Science](#), 388:eadr2147
- [L Speidel](#), [M Silva](#), [T Booth](#), B Raffield, [K Anastasiadou](#), C Barrington, A Götherström, P Heather, **P Skoglund** (2025) High-resolution genomic history of early medieval Europe, [Nature](#), 637:118–126

As Group leader 2017-2024

- [K Anastasiadou](#), [M Silva](#), [T Booth](#), [L Speidel](#), T Audsley, [C Barrington](#), J Buckberry, D Fernandes, B Ford, M Gibson, [A Gilardet](#), [I Glocke](#), K Keefe, [M Kelly](#), M Masters, [J McCabe](#), L McIntyre, P Ponce, S Rowland, J Ruiz Ventura, [P Swali](#), [F Tait](#), D Walker, H Webb, [M Williams](#), A Witkin, M Holst, L Loe, I Armit, R Schulting, **P Skoglund** (2024) Detection of chromosomal aneuploidy in ancient genomes, [Communications Biology](#), 7:14
- [M Silva](#), [T Booth](#), J Moore, [K Anastasiadou](#), D Walker, [A Gilardet](#), C Barrington, [M Kelly](#), [M Williams](#), M Henderson, A Smith, D Bowsher, J Montgomery, **P Skoglund** (2024) An individual with Sarmatian-related ancestry in Roman Britain, [Current Biology](#), 34:1-9
- [P Swali](#), R Schulting, [A Gilardet](#), [M Kelly](#), [K Anastasiadou](#), [I Glocke](#), [J McCabe](#), [M Williams](#), T Audsley, L Loe, T Fernández-Crespo, J Ordoño, D Walker, T Clare, G Cook, I Hodgkinson, M Simpson, S Read, [T Davy](#), [M Silva](#), [M Hajdinjak](#), [A Bergström](#), [T Booth](#), **P Skoglund** (2023) *Yersinia pestis* genomes reveal plague in Britain 4,000 years ago, [Nature Communications](#), 14:2930
- [T Davy](#), D Ju, I Mathieson[§], **P Skoglund**[§] (2023) Hunter-gatherer admixture facilitated natural selection in Neolithic European farmers, [Current Biology](#), 33(7):1365-1371.e3
- S Charlton*, S Brace*, [M Hajdinjak*](#), R Kearney, [T Booth](#), H Reade, JA Tripp, KL Sayle, SB Grimm, SM Bello, EA Walker, [A Gilardet](#), P East, I Glocke, G Larson, T Higham, C Stringer, **P Skoglund**[§], I Barnes[§], RE Stevens[§] (2022) Dual ancestries and ecologies of the Late Glacial Palaeolithic in Britain, [Nature Ecology & Evolution](#), DOI: 10.1038/s41559-022-01883-z
- [A Bergström*](#), DWG Stanton*, UH Taron*, L Frantz, MHS Sinding, E Ersmark, S Pfrengle, M Cassatt-Johnstone, O Lebrasseur, L Girdland-Flink, DM Fernandes, M Ollivier, L Speidel, S Gopalakrishnan, MV Westbury, J Ramos-Madrugal, TR Feuerborn, E Reiter, J Gretzinger, SC. Münzel, [P Swali](#), N Conard, C Carøe, J Haile, A Linderholm, S Androsov, I Barnes, C Baumann, N Benecke, H Bocherens, S Brace, RF Carden, DG Drucker, S Fedorov, M Gasparik, M Germonpré, S Grigoriev, P Groves, ST Hertwig, VV Ivanova, L Janssens, RP Jennings, AK Kasparov, IV Kirrilova, I Kurmaniyazov, YV Kuzmin, PA Kosintsev, M Lázničková-Galetová, C Leduc, P Nikolskiy, M Nussbaumer, C O'Driscóil, L Orlando, A Outram, EY. Pavlova, AR Perri, M Pilot, VV Pitulko, V Plotnikov, A Protopopov, A Rehazek, M Sablin, A Seguin-Orlando, J Storå, C Verjux, VF Zaibert, G Zazula, P Crombé, A Hansen, E Willerslev, JA Leonard, A Götherström, R Pinhasi, VJ Schuenemann, M Hofreiter, MTP Gilbert, B Shapiro, G Larson, J Krause, L Dalén, **P Skoglund** (2022) Gray wolf genomic history reveals a dual ancestry of dogs, [Nature](#), 607:313–320
- [P Gelabert*](#), S Sawyer*, [A Bergström*](#), T C Collin, T Meshvelian, A Belfer-Cohen, D Lordkipanidze, N Jakeli, Z Matskevich, G Bar-Oz, DM Fernandes, O Cheronet, KT Ozdogan, V Oberreiter, RNM Feeney, **P Skoglund**[§], R Pinhasi[§] (2021) Genome-scale sequencing and analysis of human, wolf and bison DNA from 25,000 year-old sediment, [Current Biology](#), 31:1-11
- [A Bergström](#), C Stringer, [M Hajdinjak](#), E Scerri, **P Skoglund** (2021) Origins of modern human ancestry, [Nature](#), 590:229–237
- [A Bergström](#), L Frantz, R Schmidt, E Ersmark, O Lebrasseur, L Girdland-Flink, AT Lin, J Storå, K-G Sjögren, D Anthony, E Antipina, S Amiri, G Bar-Oz, VI Bazaliiskii, J Bulatovic, D Brown, A Carmagnini, [T Davy](#), S Fedorov, I Fiore, D Fulton, M Germonpré, J Haile, EK Irving-Pease, A Jamieson, L Janssens, I Kirillova, L Kolska Horwitz, J Kuzmanovic-Cvetkovic, Y Kuzmin, RJ Losey, D Ložnjak Dizdar, M Mashkour, M Novak, V Onar, D Orton, M Pasaric, M Radivojevic, D Rajkovic, B Roberts, H Ryan, M Sablin, F Shidlovskiy, I Stojanovic, A

Tagliacozzo, K Trantalidou, I Ullén, A Villaluenga, P Wapnish, K Dobney, A Götherström, A Linderholm, L Dalén, R Pinhasi, G Larson, **P Skoglund** (2020) Origins and genetic legacy of prehistoric dogs, [Science](#), 370(6516):557-564

As postdoc with David Reich 2014-2017

- P Skoglund**, S Mallick, N Patterson, D Reich (2018) No evidence for unknown archaic ancestry in South Asia. [Nature Genetics](#), doi:10.1038/s41588-018-0097-9
- M Lipson*, **P Skoglund***, M Spriggs, F Valentin, S Bedford, R Shing, H Buckley, I Phillip, GK Ward, S Mallick, N Rohland, N Broomandkoshbacht, O Cheronet, M Ferry, TK Harper, M Michel, J Oppenheimer, K Sirak, K Stewardson, K Auckland, AVS Hill, K Maitland, SJ Oppenheimer, T Parks, K Robson, TN Williams, DJ Kennett, AJ Mentzer, R Pinhasi, D Reich (2018) Population Turnover in Remote Oceania Shortly after Initial Settlement, [Current Biology](#), 28, 1-9
- P Skoglund**, J Thompson, ME Prendergast, A Mittnik*, K Sirak*, M Hajdinjak*, T Salie*, N Rohland, S Mallick, A Peltzer, A Heinze, I Olalde, M Ferry, E Harney, M Michel, K Stewardson, J Cerezo-Roman, C Chiumia, A Crowther, E Gomani-Chindebvu, AO Gidna, KM Grillo, G Hellenthal, R Helm, M Horton, S Lopez, AZP Mabulla, J Parkington, C Shipton, R Tibesasa, M Welling, V Hayes, DJ Kennett, R Ramesar, M Meyer, S Pääbo, N Patterson, A Morris, N Boivin, R Pinhasi, J Krause, D Reich (2017) Reconstructing prehistoric African population structure, [Cell](#), 171:59-71
- P Skoglund**, D Reich (2016) A genomic view of the peopling of the Americas, [Curr Op in Gen Dev](#), 41:27-35
- P Skoglund**, C Posth, K Sirak, M Spriggs, F Valentin, S Bedford, GA Clark, C Reepmeyer, D Fernandes, Q Fu, E Harney, M Lipson, S Mallick, M Novak, N Rohland, K Stewardson, S Abdullah, MP Cox, FR Friedlaender, JS Friedlaender, T Kivisild, G Koki, P Kusuma, DA Merriwether, F-X Ricaut, JTS Wee, N Patterson, J Krause, R Pinhasi[§], D Reich[§] (2016) Genomic insights into the peopling of the Southwest Pacific, [Nature](#), 538:510–513
- P Skoglund**, S Mallick, MC Bortolini, N Chennagiri, T Hünemeier, ML Petzl-Erler, FM Salzano, N Patterson, D Reich (2015) Genetic evidence for two founding populations of the Americas, [Nature](#), 525:104-108
- P Skoglund**, E Ersmark, E Palkopoulou, L Dalén (2015) Ancient wolf genome reveals an early divergence of the ancestors of domestic dogs and admixture into high-latitude breeds, [Current Biology](#), 25:1515-1519

As PhD-student with Mattias Jakobsson 2009-2013

- P Skoglund***, H Malmström*, A Omrak, M Raghavan, C Valdiosera, T Günther, P Hall, K Tambets, J Parik, K-G Sjögren, J Apel, E Willerslev, J Storå, A Götherström, M Jakobsson (2014) Genomic diversity and admixture differs for Stone-Age Scandinavian foragers and farmers, [Science](#), 344:747-750
- P Skoglund**, BH Northoff, MV Shunkov, A Derevianko, S Pääbo, J Krause, M Jakobsson (2014) Separating ancient DNA from modern contamination in a Siberian Neandertal, [PNAS](#), 111 (6): 2229-2234
- M Raghavan*, **P Skoglund***, K Graf, M Metspalu, A Albrechtsen, I Moltke, S Rasmussen, TW Stafford Jr, L Orlando, E Metspalu, M Karmin, K Tambets, S Rootsi, R Mägi, PF Campos, E Balanovska, O Balanovsky, E Khusnutdinova, S Litvinov, LP Osipova, SA Fedorova, MI Veovoda, M DeGiorgio, T Sicheritz-Ponten, S Brunak, S Demeshchenko, T Kivisild, R Vilems, R Nielsen, M Jakobsson, E Willerslev, (2014) Upper Palaeolithic Siberian genome reveals the dual ancestry of Native Americans, [Nature](#), 505: 87–91
- P Skoglund**, P Sjödin, T Skoglund, M Lascoux, M Jakobsson (2014) Investigating population history using temporal genetic differentiation, [Molecular Biology and Evolution](#), 31(9): 2516–2527
- P Skoglund**, J Storå, A Götherström, M Jakobsson (2013) Accurate sex identification of ancient human remains using DNA shotgun sequencing, [Journal of Archaeological Science](#), 40(12):4477-4482
- CM Schlebusch*, **P Skoglund***, P Sjödin, LM Gattepaille, S Li, D Hernandez, F Jay, A Singleton, MGB Blum, H Sodyall, M Jakobsson (2012) Genomic variation of seven Khoe-San groups reveals adaptation and complex African history, [Science](#), 338:374-379
- P Skoglund**, H Malmström, M Raghavan, J Storå, P Hall, E Willerslev, MTP Gilbert, A Götherström[§], M Jakobsson[§] (2012) Origins and genetic legacy of Neolithic farmers and hunter-gatherers in Europe. [Science](#), 336:466-469
- P Skoglund**, M Jakobsson (2011) Archaic human ancestry in East Asia, [PNAS](#), 108:18301-18306
- P Skoglund**, A Götherström & M Jakobsson, (2011) Estimation of population divergence times using non-overlapping genomic sequences: examples from dogs and wolves, [Molecular Biology and Evolution](#) 28:1505-1517

As MSc student 2007-2009

S Castroviejo-Fisher*, **P Skoglund***, R Valadez, C Vilá & JA Leonard (2011) Vanishing Native American dog lineages, [BMC Evolutionary Biology](#) 11:73

P Skoglund, J Höglund, (2010) Sequence polymorphism in candidate loci for phenotypic differences in winter plumage between Scottish and Scandinavian populations of Willow grouse (*Lagopus lagopus*), [PLoS ONE](#) 5(4): e10334